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6247

# GARDEN FLOWER & FIELD SEEDS

RECORDED  
★ JAN 30 1933 ★  
U. S. Department of Agriculture.

## 1933



## *Plan to Plant Something*

**SPRINGFIELD SEED CO.**  
*The Home of* **"STAR BRAND SEEDS"**  
**SPRINGFIELD, MISSOURI.**  
*Campbell and Walnut Streets...*

# SPRINGFIELD SEED COMPANY

Corner of Campbell and Walnut Streets, Springfield, Mo.

We believe it is confusing to have a long list of varieties from which it is difficult to select what you want. We have therefore selected for your guidance those varieties that are best suited to the climatic conditions of the great Southwest.



No plot of ground is too small for a garden, whether for vegetables or flowers. There are some varieties particularly suited to your little plot and will thrive to be a source of pleasure and satisfaction.

To guard the interests of our customers and maintain the high standard of excellence of Star Brand Seeds, we operate a modern seed laboratory, equipped as recommended by the United States Department of Agriculture, in charge of a certified seed analyst. We have also our own trial grounds and greenhouses with over 44,000 feet of glass.

Every lot of seed we send out must be tested for purity and germination. Be on the safe side, plant "Star Brand Seeds".

## SPECIAL OFFER

For each order for \$1.00 worth of seeds—in Packets only—You may select

**5 Extra 5c Packets FREE!**

## How to Order "Star Brand Seeds"

### Read Carefully

**ORDER EARLY**—Kindly place your order early so to assist us in getting it out promptly.

**YOUR ORDER**—Please use the order sheet.

**WE DELIVER FREE**—Anywhere in the United States, all seeds by packet, ounce, quarter-pound and pound, except where otherwise noted.

**HOW TO SEND MONEY**—Money may be sent by post-office order, bank draft, express money order or registered letter. If you order amounts to \$1.00 or more, it is best to send by one of these methods. Stamps in small amounts will be accepted.

**TERMS**—Our terms are cash with order.

**NAME, ADDRESS, Etc.**—When ordering give name and full address. Many orders are received without the name or postoffice address of sender. It is impossible to fill such orders until they are identified.

**WRITE PLAINLY**—In ordering goods sent by freight or express, write plainly your express or freight office, county and state in full, giving name of express or railroad company by which you wish them sent.

**PLEASE NOTE**—If goods do not arrive promptly after you receive our advice of shipment, please let us know, and we shall have them traced at once. If only part of the order is received, please wait a few days for the remainder before writing us.

**OUR GUARANTEE**—While we guarantee all seeds which we send out to be strictly fresh and to have shown a high germination test, still crops are contingent upon so many conditions of soil and weather, time and manner of planting, cultivation, etc., over which we have no control, that we cannot be responsible for the product, and we give no warranty, express or implied, as to the description, quality, or productiveness of any seeds, plants or bulbs we send out, and will not be responsible for the crop. If the purchaser does not accept the goods on these conditions, they are at once to be returned.

**CORRESPONDENCE**—Proper attention is given to all letters of inquiry. If we can be of any service to you when you are laying out your garden or making up your order, please command us.

**COUNTER CUSTOMERS**—We suggest to those who purchase in person at our store the advantage of having their lists made out before they call. In any case it is a great saving of time to the purchaser. The list should have full name and address written on it so that our catalogues may be mailed to the purchaser as issued. We also urge early purchases. January and February are good months in which to purchase. ....

Prices quoted in this catalogue are subject to change without notice.



Please forward the following ORDER for amount enclosed

Date\_\_\_\_\_, 193\_\_\_\_\_

Post Office\_\_\_\_\_P. O. Box\_\_\_\_\_

Street \_\_\_\_\_ R. D. \_\_\_\_\_ Box \_\_\_\_\_

County \_\_\_\_\_ State \_\_\_\_\_

Money Order\_\_\_\_\_

**Cash** \_\_\_\_\_

**Express . . . . .**

Stamps \_\_\_\_\_

**Freight.....**

Name of Express Office or Freight Station.....

**NOTICE**—We give no warranty, expressed or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs or plants we send out and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are to be returned at once.

[illegible]

### Premium With \$1.00 or Over

(Over)

SEE PAGE 1

**Each  
additional  
pound or  
fraction**

First Zone	Springfield or 50 miles thereof .....	8c	2c
Second Zone	within 50 to 150 miles of Springfield...	8c	2c
Third Zone	within 150 to 300 miles.....	9c	2c
Fourth Zone	within 300 to 600 miles.....	10c	4c
Fifth Zone	within 600 to 1000 miles.....	11c	6c
Sixth Zone	within 1000 to 1400 miles.....	12c	7c
Seventh Zone	within 1400 to 1800 miles.....	14c	9c
Eighth Zone	all over 1800 miles .....	15c	11c

[illegible]

**NOTICE:** Please write below the names of any of your neighbors who would be interested in our catalogue.

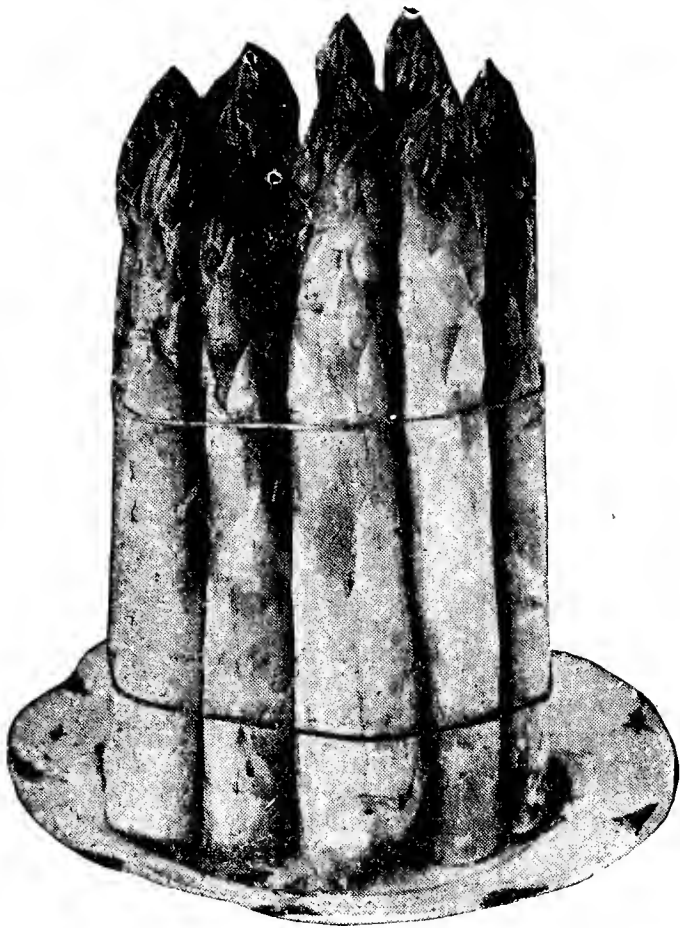
Filled by	Checked by	Packed by	Weight
	PKGS.		
	BAGS		
	BOXES		
	BBLs.		

# TESTED GARDEN SEEDS

## MARKET GARDENERS

And those using large quantities of seed should send us a list of their requirements. Prices will be furnished promptly, and we can frequently make a substantial reduction on large quantities.

All 10c Pkt. Seeds, 3 for 25c; 7 for 50c. Postpaid.



Every Home and Kitchen Garden  
Should Have a Bed of Asparagus.

### ASPARAGUS

	Pkt.	Oz.	¼ lb.
Palmetto . . . . .	.05	.10	.25
Conover's Colossal . . . . .	.05	.10	.25
Columbian Mammoth white..	.05	.10	.25
Mary Washington . . . . .	.10	.15	.50

### BEANS (Green-Podded)

	Pkt.	Lb.	5 lbs.
Round Red Valentine . . . . .	.10	.25	\$1.10
Giant Stringless G. Pod....	.10	.25	1.10
Full Measure . . . . .	.10	.25	1.10
Bountiful . . . . .	.10	.25	1.10

### BEANS (Wax)

	Pkt.	Lb.	5 lbs.
Improved Golden Wax . . . . .	.10	.25	\$1.10
Rust-Proof Black Wax . . . . .	.10	.25	1.10
Davis White Wax . . . . .	.10	.25	1.10

### BEANS (Bush Lima)

	Pkt.	Lb.	5 lbs.
Henderson's Bush Lima . . . . .	.10	.30	\$1.35
Burpee's Bush Lima . . . . .	.10	.30	1.35

### BEANS (Pole Lima)

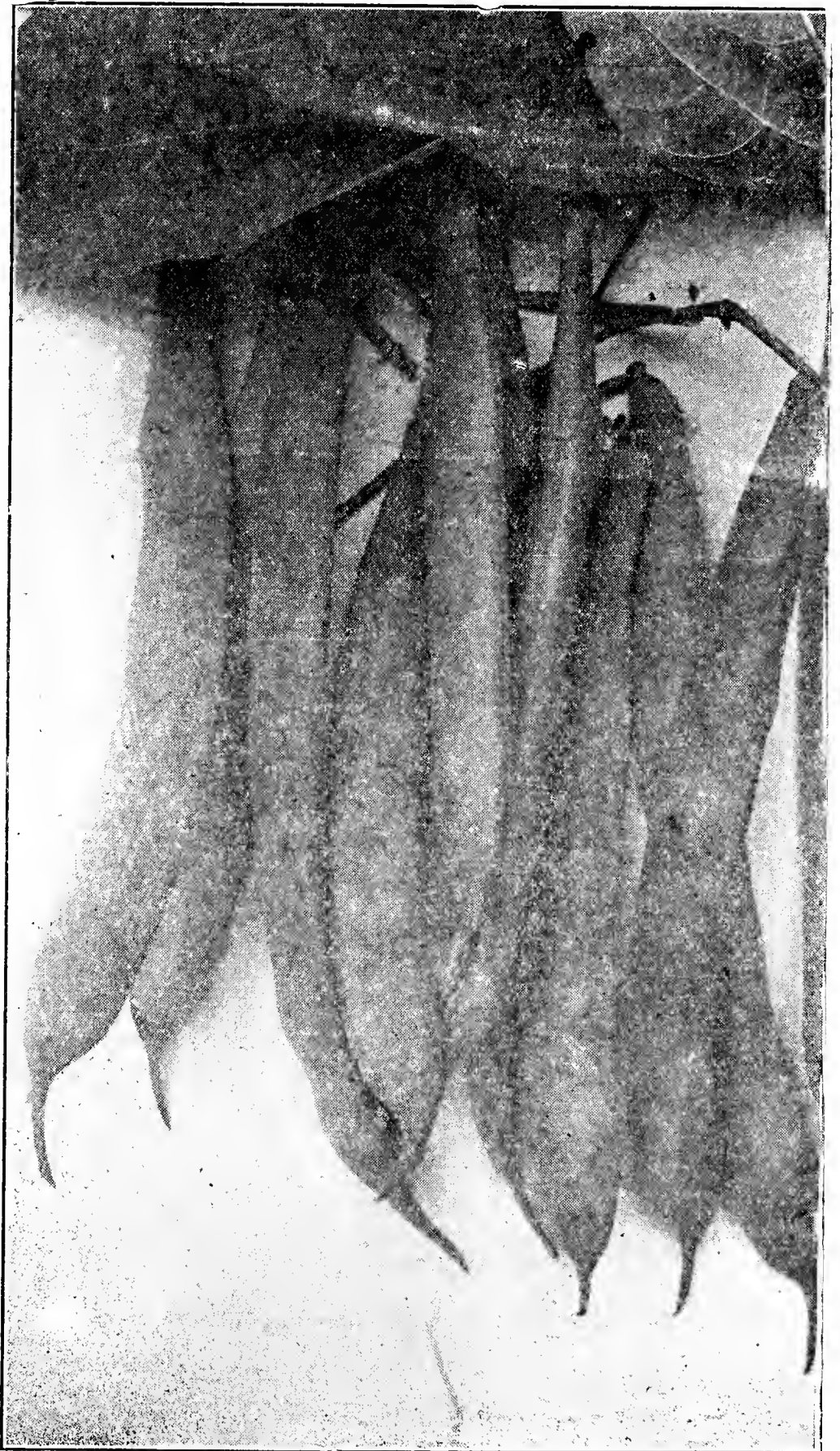
	Pkt.	Lb.	5 lbs.
Large White Lima . . . . .	.10	.30	\$1.35
King of the Garden Lima..	.10	.30	1.35
Carolina or Sieva . . . . .	.10	.30	1.35

### BEANS (Pole or Running)

	Pkt.	Lb.	5 lbs.
Lazy Wife . . . . .	.10	.25	\$1.10
Dutch Case Knife . . . . .	.10	.25	1.10
Speckled Cut-Short . . . . .	.10	.25	1.10
Creaseback . . . . .	.10	.25	1.10
Kentucky Wonder . . . . .	.10	.25	1.10
Kentucky Wonder Wax . . . . .	.10	.25	1.10
Scarlet Runner . . . . .	.10	.25	1.10

## B E A N S

**CULTURE**—Beans are sensitive to both cold and wet, so do not plant till the ground is warm. To have a continuous supply plant every two weeks from the time the ground gets warm till the middle of August; further South they may be planted even later. Make the rows 2 and 3 feet apart, drop the beans 3 inches apart and cover 1½ to 2 inches deep. Give frequent but shallow cultivation up to blossoming time, not afterward, and never when the plants are wet. Plant in a light loamy soil that warms up quickly. One pound plants 60 feet; 100 pounds will plant an acre.



**BURPEE'S STRINGLESS GREEN POD**—Extremely early and hardy. Wonderful producer, round tender pods. A vigorous grower, producing round, green pods of highest quality, being absolutely stringless. It is early, a heavy yielder and valuable alike for market or home garden. Pkt., 10c; lb., 25c; 5 lbs., \$1.10. Postpaid.

ALL PACKET SEED POSTPAID.



## BEETS

**CULTURE**—For table beets sow in drills 18 inches apart, and thin to stand 3 to 4 inches apart in the rows. Use one ounce to 100 feet of drill and cover lightly.

**CROSBY'S EGYPTIAN**—the earliest beet on the market. A selection from that standard market beet. Early Egyptian, which retains the earliness of the parent stock and has added thickness, giving it a most desirable shape. It is the deepest red, almost black in color, and is of finer quality than the Egyptian, being sweeter and even more tender and smoother. The most desirable sort for small beets for early market, as it is in presentable market shape quicker than any other sort. It is a very rapid grower and can be sown outside as late as July. Pkt., 5c; oz., 10c; ¼ lb. 25c. Postpaid.

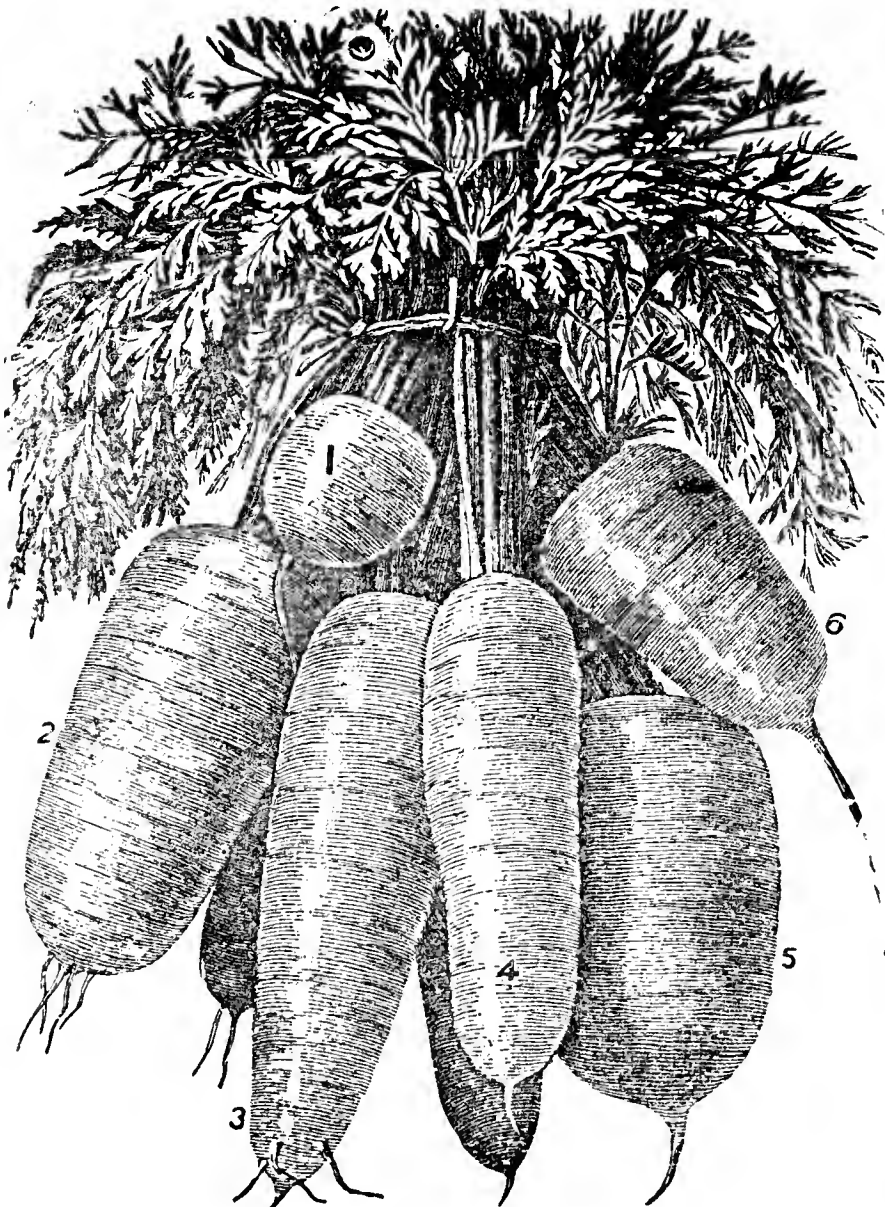
### BEETS

	Pkt.	Oz.	¼ lb.
Banquet Table .....	.5	.10	.25
Egyptian Early Blood Turnip .....	.5	.10	.25
Eclipse .....	.5	.10	.25
Edmund's blood Turnip .....	.5	.10	.25
Detroit Dark Red Turnip .....	.5	.10	.25
Improved Early Blood Turnip .....	.5	.10	.25
Long Smooth Blood Red .....	.5	.10	.25
Swiss Chard .....	.5	.10	.25

### MANGEL-WURZEL

	Pkt.	Oz.	¼ lb.
Improved Mammoth Long Red .....	.5	.10	.20
Norbiton's Giant .....	.5	.10	.25
Golden Tankard .....	.5	.10	.25

## CARROTS



1 Oz. to 100 Feet Drill.

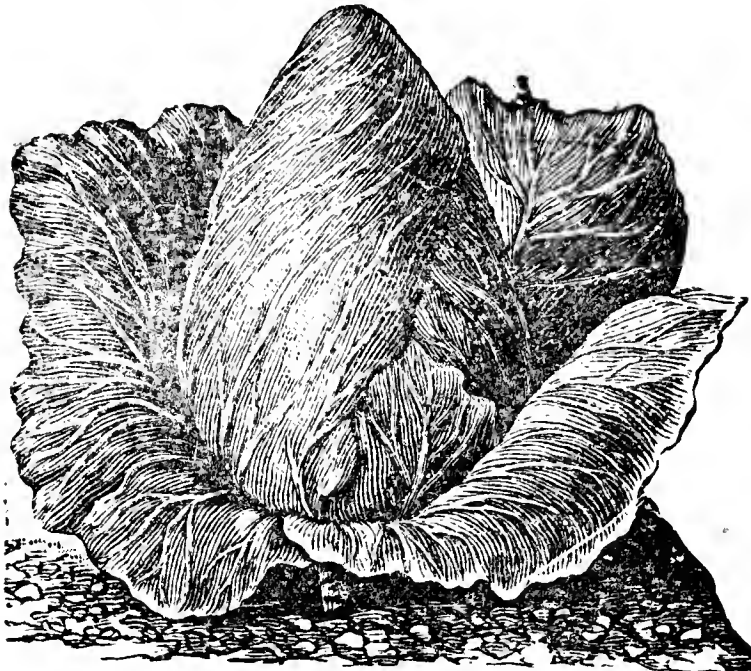
1, Oxheart; 2, Chantenay; 3, Long Orange; 5, Half Long; 6, Stump Rooted.

Sow in drills one-half inch deep, one ounce for 100 feet; three to four pounds per acre.

### CARROTS

	Pkt.	Oz.	¼ lb.
Chantenay .....	.5	.10	.25
Extra Early French Forcing .....	.5	.10	.25
Long Red, Stump Rooted .....	.5	.10	.25
Ox Heart .....	.5	.10	.25
D. Hvers .....	.5	.10	.25
Long Orange Improved .....	.5	.10	.25

## CABBAGE



### EARLY JERSEY WAKEFIELD

Sow one ounce for 2,000 plants; six ounces for one acre.

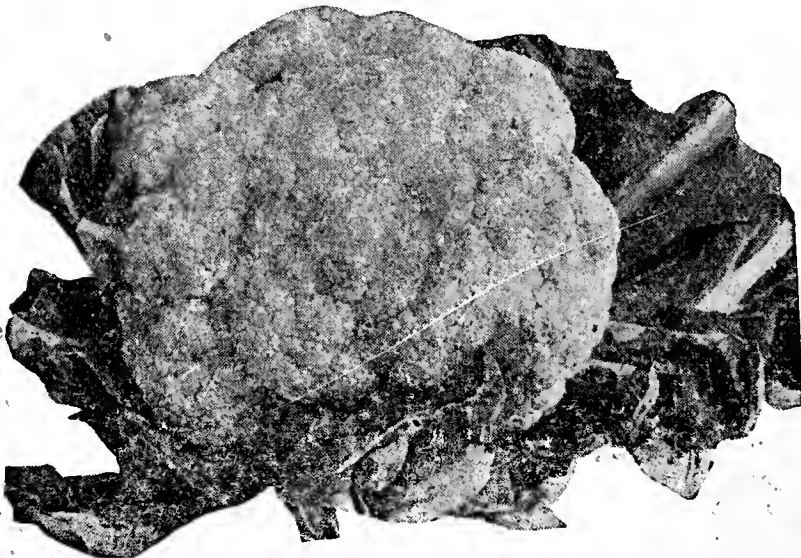
### SELECT EARLY JERSEY WAKEFIELD

This extra early conical-shaped head cabbage is the best early for planting in the United States. Earliness and hard heading in this variety are most important to growers. Early Jersey Wakefield Cabbage is a specialty with us, and to secure the best seed on our growing farms, we spare no expense. We confidently offer the best Early Jersey Wakefield Seed that money can buy anywhere. Successful growers everywhere in the United States plant Early Jersey and get results that spell prosperity. More seed of this sort is planted in the United States than of all other varieties of the same type together. The heads are hard, the outside leaves small, so that close planting is possible.

	Pkt.	Oz.	¼ lb.
Early Jersey Wakefield ....	.10	.20	.50
Charleston, or Large Wakefield .....	.10	.20	.50
Mammoth Red Rock .....	.10	.35	.85
Premium Late Flat Dutch..	.10	.20	.50
Drumhead Savoy .....	.10	.20	.50
All Seasons .....	.10	.20	.50
Glory of Enkhuisen .....	.15	.40	1.25
Henderson's Succession ....	.10	.20	.50
Copenhagen Market .....	.10	.20	.50
Chinese Cabbage .....	.10	.30	

ALL PACKETS POSTPAID  
See Page 30 For Complete  
Garden Seed List

## CAULIFLOWER



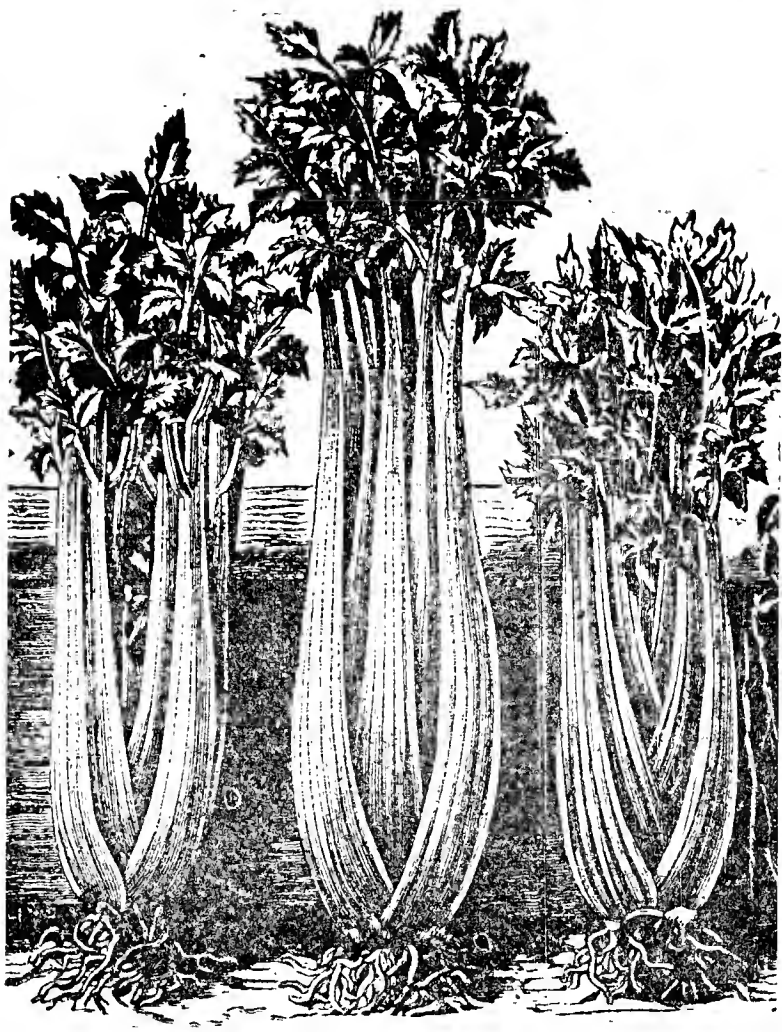
### CAULIFLOWER

	Pkt.	¼ Oz.
Extra Small Leaved Erfurt.....	.25	.85
Early Snowball, true .....	.15	.75



## CELERY

1 Oz. of Seed to 5,000 Plants  
200 to 250 Plants Required for 100 Feet  
of Row.



CELERY

	Pkt.	Oz.	¼ lb.
Giant Pascal .....	.5	.25	.75
Golden Self Bleaching (true) .....	.10	.40	1.25
White Plume .....	.05	.25	.75
Dwarf Golden Heart .....	.10	.40	1.25

## COLLARDS

	Pkt.	Oz.	¼ lb.
Georgia .....	.5	.15	.25

## CUCUMBER

1 Oz. to 50 Hills.

Plant in hills about 4 feet apart each way. The hills should be previously prepared by mixing thoroughly with the soil in each a shovelful of well-rotted manure.

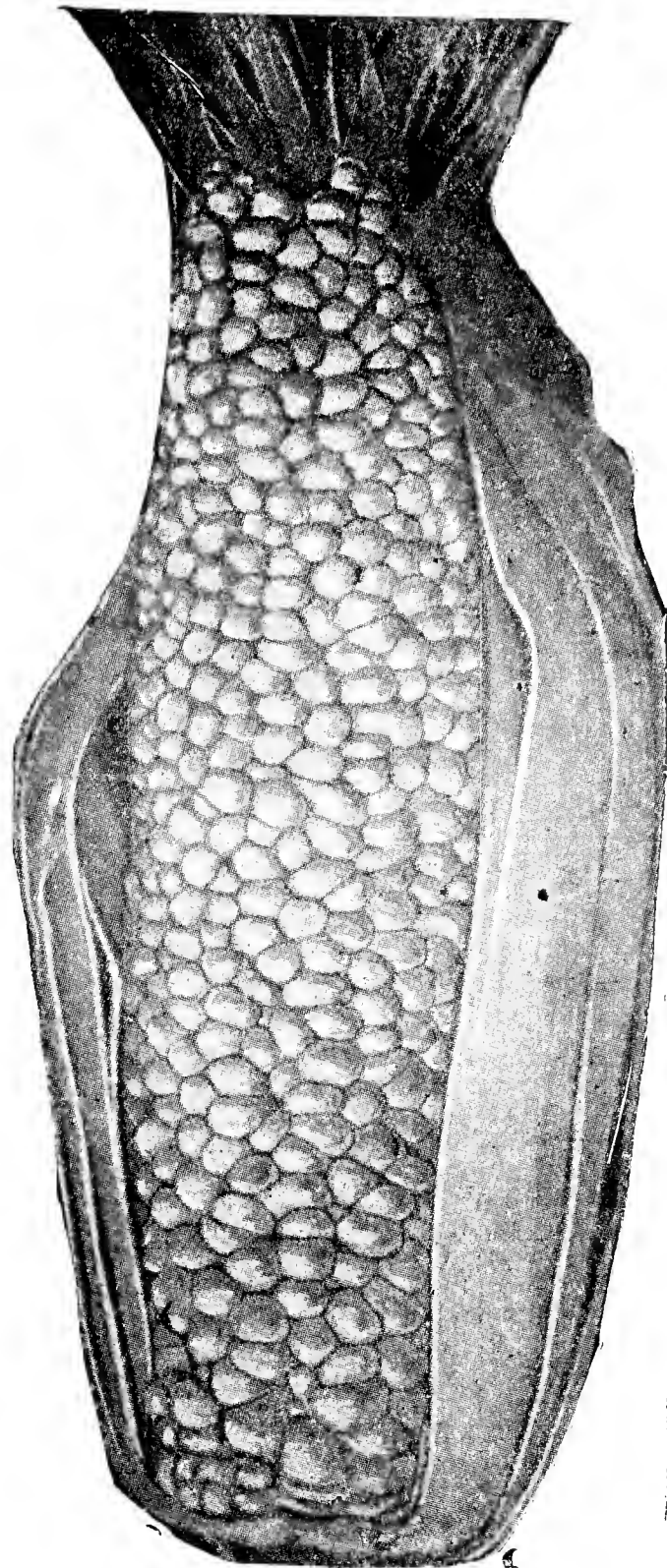
	Pkt.	Oz.	¼ lb.
Evergreen White Spine .....	.5	.10	.30
Improved Long Green .....	.5	.10	.35
Westerfield's Chicago Pickling .....	.5	.10	.30
Early Cluster .....	.5	.10	.30
Early Frame .....	.5	.10	.30
Boston Pickling .....	.5	.10	.30
Japanese Climbing .....	.5	.15	.40
Gherkin .....	.5	.20	.65

## SWEET CORN

### CULTURE

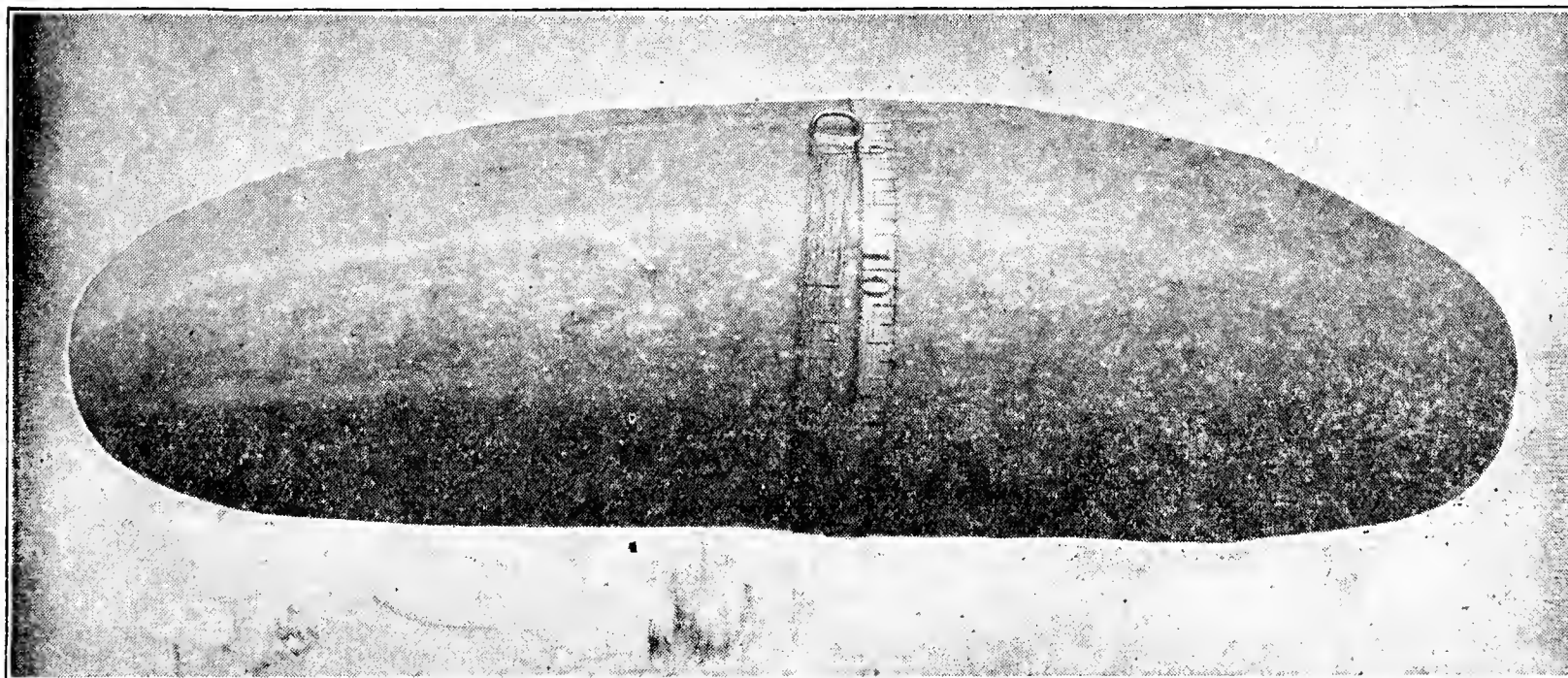
½ lb. will plant 100 hills. Sweet Corn varies greatly in hardiness, earliness, size and sweetness. The early sorts grow only 3 to 5 feet high and may be planted when the trees are starting out in leaf, in rows 3 feet apart, making the hills about 1 ft. apart. The later and sweeter varieties are more tender and should not be planted until the trees are in full leaf or the seed will rot in the ground. Plant garden corn in rows 3 feet apart, making the hills 18 inches apart in the rows.

## SWEET CORN



COUNTRY GENTLEMAN

	Pkt.	1 lb.	5 lbs.
Extra Early Adams.....	10	.25	\$1.15
Early Minnesota .....	10	.25	1.15
Sunshine .....	10	.30	
Stowell's Evergreen ...	10	.25	1.15
Country Gentleman ....	10	.25	1.15
Golden Bantam .....	10	.25	1.15
Black Mexican .....	10	.25	1.15
Howling Mob .....	10	.25	1.15



**FOR BUGS  
BEETLES  
and  
WORMS  
on  
Cucumbers  
Use  
SLUG  
SHOT  
"Cyanogas"  
or  
Tobacco  
Dust**

**EARLY FORTUNE**—The finest second early variety; very productive and disease resistant; fruits nine inches long, slightly tapering; flesh white, very firm and crisp, with very few seeds; color rich, dark green. **Pkt., 5c; Oz., 10c; ¼ lb., 35c.**

## LETTUCE



**WHITE SUMMER CABBAGE**—A head lettuce of remarkable quality, forming a solid, fine head of good size, and will withstand heat and drought, making it a good late variety. Pkt., 5c; oz., 10c; ¼ lb., 35c. Postpaid.

	Pkt.	Oz.	¼ lb.
Grand Rapids Forcing .....	.5	.10	.35
Denver Market .....	.5	.10	.35
Black Seeded Simpson .....	.5	.10	.35
Early Curled Simpson .....	.5	.10	.35
Hanson, Improved (head) .....	.5	.10	.35
Prize Head .....	.5	.10	.35
Big Boston (head) .....	.5	.10	.35
Early Curley Silesia .....	.5	.10	.35

## CHIVES

Used for seasoning, has a very strong onion flavor and is one of the earliest all-year plants to come up. Multiplies very fast. Lives forever. Clump of roots, 15c each; \$1.00 per dozen by express. By mail, 10c a dozen extra.

## CHICORY

**LARGE ROOTED, OR COFFEE**—Sown in drills, the roots become well developed. When they are dried, roasted and ground, they become the chicory of commerce, and are used in adulterating coffee. Pkt., 10c; oz., 15c; ¼ lb., 40c. Postpaid.

## CRESS

	Pkt.	Oz.
True Water .....	10	.30
Curled or Pepper Grass .....	5	.15

## LEEK

	Pkt.	Oz.	¼ lb.
American Broad-Leaf .....	.5	.20	.60

## KALE

	Pkt.	Oz.	¼ lb.
Dwarf Green Curled .....	.5	.15	.40
Dwarf Curled Scotch .....	.5	.15	.40

## KOHL-RABI

	Pkt.	Oz.	¼ lb.
White Vienna .....	.5	.25	.60
Early Purple Vienna .....	.5	.25	.60

## CHILLI SUPPLIES

STRICTLY FRESH—NEW CROP

	Oz.	Postpaid
Comina .....	.10	.40
Chili Pepper Pods .....		.45
Chiline, Ground .....	.10	.45
Mexican Chili Powder Mixture .....	.10	.50
Chili Petine Pods .....	.15	1.00
Oregano or Mexican Sage .....	.10	.30
Garden Sage .....	.10	.35
Japanese Pepper .....	.10	.50
Mexican Garlic .....	.05	.35
Chili Beans .....		.10

PRICES SUBJECT TO CHANGE.

Recipes for making Mexican Dishes sent free on application.

## EGG PLANT



EGG PLANT

	Pkt.	Oz.	¼ lb.
New York Improved .....	.10	.50	1.30
Black Beauty .....	.10	.50	1.70

## ENDIVE

	Pkt.	Oz.	¼ lb.
Green Curled Mammoth .....	.05	.15	
Ever-White Mammoth .....	.05	.15	

## SPECIAL OFFER

All 10c Pkts., 3 for .25

7 10c Pkts., for .50

15 10c Pkts., for \$1.00

All 5c Pkts., 6 for .25

**GARLIC FOR SEED**—Thrives best in light, well-enriched soil. Bulbs should be planted in the fall 6 to 8 inches apart. Cultivate and store the same as onions. Much valued for flavoring soups, stews, etc. Fine bulbs.

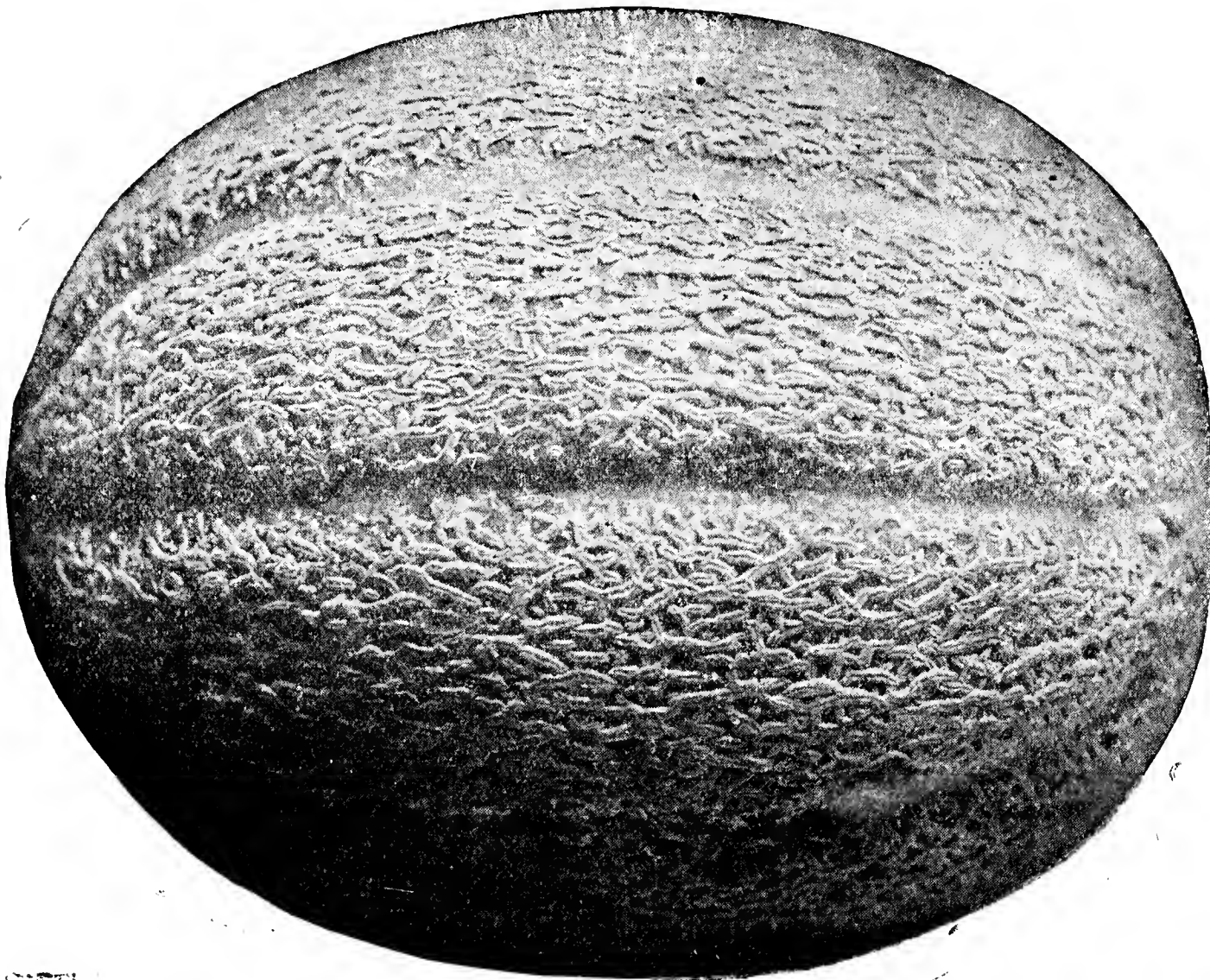
¼ lb., 15c; lb., 50c. Postpaid.

SEE PAGE 30 FOR COMPLETE GARDEN SEED LIST.



# MUSKMELON OR CANTALOUPE

**CULTURE**—Prepare hills, 4 to 6 feet apart, in a rich, moderately dry sandy soil, using well-rotted manure. When frost is over, plant 10 to 12 seeds in each hill about 1 inch deep, and when well up, thin out, leaving four strong plants to the hill. Pinch off the ends of the vines when about a foot long—this will make them strong and bear more freely. Give frequent but shallow cultivation till the vines cover the ground. Do not grow near cucumbers, squashes, etc. One ounce plants 50 hills; two pounds to the acre.

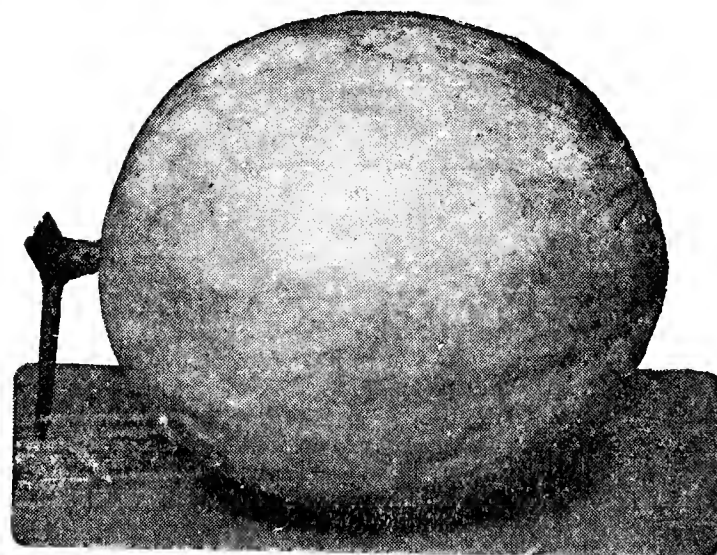


**ROCKYFORD**—The standard of excellence among green-fleshed melons. The flesh is thick, with small cavity; very sweet and has that spicy flavor that makes a cantaloupe so delicious. Oval shaped, slightly ribbed, well covered with fine netting and uniform in size and shape. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.00. Postpaid.

FOR SPRAYING  
MELONS  
USE  
TOBACCO DUST  
BLACK LEAF 40

## MUSKMELON

	Pkt.	Oz.	¼ lb.	Lb.
Acme or Baltimore .....	.05	.10	.35	1.00
Chicago Market .....	.05	.10	.35	1.00
Extra Early Nutmeg .....	.05	.10	.35	1.00
Jenny Lind .....	.05	.10	.35	1.00
Emerald .....	.05	.10	.35	1.00
Hackensack Early .....	.05	.10	.35	1.00
Long Yellow Cantaloupe .....	.05	.10	.35	1.00
Champion Market .....	.05	.10	.35	1.00
Banana .....	.05	.10	.35	1.00
Honey Dew .....	.10	.15	.45	1.40
Salmon Tinted Pollock .....	.05	.10	.35	1.00
Hearts of Gold .....	.10	.20	.45	1.50
Vegetable Peach .....	.05			



## HONEY DEW

## MUSTARD

	Pkt.	Oz.	¼ lb.	Lb.
Ostrich Plume .....	.05	.10	.25	.60
Black or Brown .....	.05	.10	.20	.40
White .....	.05	.10	.20	.60
Chinese Curled .....	.05	.10	.25	.60
Giant Southern Curled .....	.05	.10	.20	.60

## PARSNIP

**CULTURE**—Sow the seed thickly in rows 1½ to 2 feet apart as early in the spring as the ground can be worked.

	Pkt.	Oz.	¼ lb.
Hollow Crown .....	.05	.15	.25
Long Smooth .....	.05	.15	.35
White Dutch .....	.05	.15	.35

## PARSLEY

	Pkt.	Oz.	¼ lb.
Moss Curled, very fine .....	.05	.15	.35
Triple Curled .....	.05	.15	.40

## OKRA

	Pkt.	Oz.	¼ lb.
Long Green .....	.05	.10	.25
White Velvet .....	.05	.10	.25



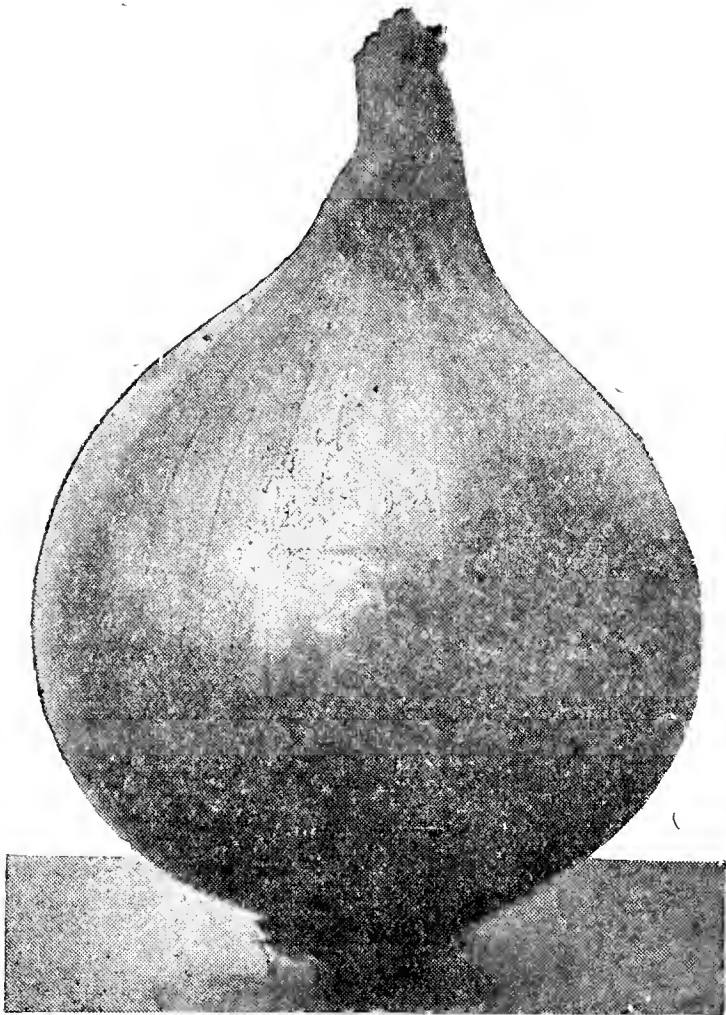
## OKRA

## ONION SEED

Write for Prices on Large Quantities.

Good Onions of first quality can only be produced by careful attention to details, good seed, good fertile soil, careful cultivation, harvesting and storing, but above all the first consideration is the seed. The best seed must be planted regardless of price.

1 Oz. to 100 Ft. Drill; 4 to 5 Lbs. per Acre.



ONION

### LARGE RED GLOBE

**LARGE RED GLOBE**—A handsome globe-shaped onion of rich purplish crimson color. Aside from the white varieties, it brings the highest market price. It is a good keeper and of excellent quality. Pkt., 10c; oz., 20c; ¼ lb., 60c. Postpaid.

	Pkt.	Oz.	¼ lb.
Large Red Wethersfield .....	.10	.20	.50
Southport White Globe .....	.10	.20	.60
Yellow Danvers, flat .....	.10	.20	.50
Danvers Yellow Globe .....	.10	.20	.60
Prize Taker, or Spanish King .....	.10	.20	.50
White Portugal, or Silver Skin .....	.10	.20	.60
Yellow Bermuda .....	.10	.30	1.00
Crystal White Wax .....	.10	.35	1.25

**ONION SETS**—Tops, 28 lbs. per bu.; bottoms, 32 lbs. per bu. It takes 8 bu. to set an acre.

Price on application for the following varieties:

RED WETHERSFIELD  
 AUSTRALIAN BROWN  
 WHITE SILVER SKIN  
 YELLOW GLOBE  
 POTATO ONION  
 WINTER TOPS  
 MULTIPLIERS  
 SUMMER TOPS

## BERMUDA ONION PLANTS

We can furnish the genuine Crystal White Wax and Yellow Bermuda, tied 100 to the bundle and 6,000 to the crate, at 15c per hundred and \$1.00 per thousand, postpaid.

## PEPPER

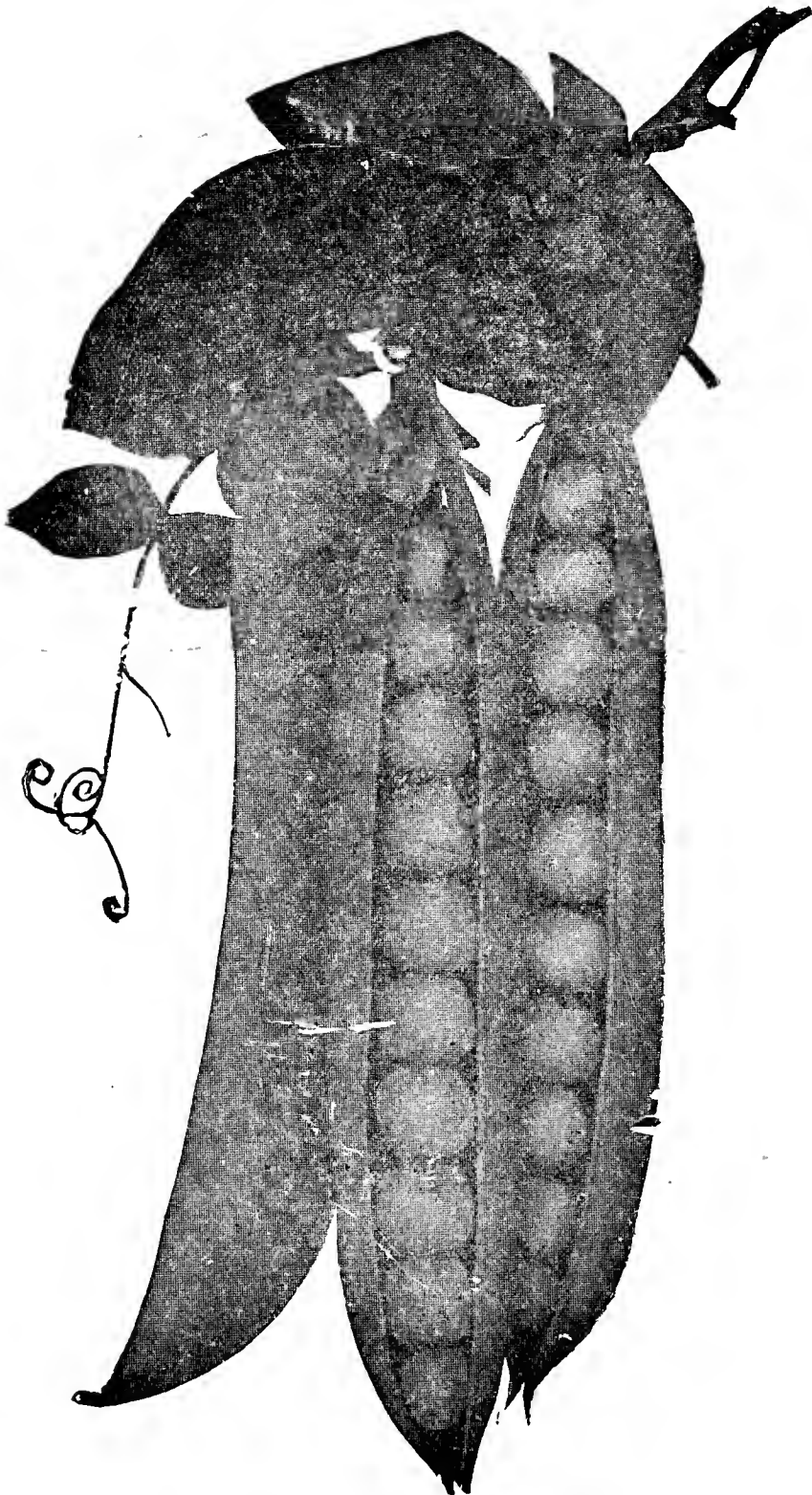
1 Ounce will Produce About 2,000 Plants.

	Pkt.	Oz.
Chinese Giant .....	.10	.50
Pimento .....	.10	.40
Large Bell, or Bull Nose .....	.10	.45
Cayenne, Long Red .....	.10	.45
Cayenne, Small .....	.10	.45
Sweet Mountain .....	.10	.35
Ruby King .....	.10	.45
Golden Queen .....	.10	.50
Red Chile .....	.10	.45
California Wonder .....	.10	.50

## GARDEN PEAS

Sow Peas as early in the spring as the ground can be worked, in drills about 4 inches deep. The rows must not be nearer than 2 feet, except for the dwarf sorts. Those growing 3 feet high or more should not be nearer than 3 or 4 feet, and should have brush for their support. Avoid fresh manure and very rich soil, as they cause the vines to grow too rank. One pound will sow 40 feet of drill; 55 to 100 pounds for an acre, in drills 3 feet apart.

Wrinkled sorts marked thus *	Pkt.	Lb.	5 lbs.
Alaska, 2 foot .....	.10	.25	1.10
Dwarf Tom Thumb, 12-inch .....	.10	.25	1.10
First and best, 2-foot .....	.10	.25	1.10
Philadelphia Extra Early, 2-foot .....	.10	.25	1.10
*Bliss American Wonder, 10-inch .....	.10	.25	1.10
*Little Gem, 18-inch .....	.10	.25	1.10
*Nott's Excelsior, 15-inch .....	.10	.25	1.10
*Horsfords Market Garden, 2-foot .....	.10	.25	1.10
*Telephone, 4-foot .....	.10	.25	1.10
*Champion of England, 5-foot .....	.10	.25	1.10
*Bliss Everbearing, 2-foot .....	.10	.25	1.10
Large White Marrowfat, 5-foot .....	.10	.25	1.10
*Gradus .....	.10	.25	1.10
*Thomas Laxton .....	.10	.25	1.10
*Laxtonian .....	.10	.30	1.40
Dwarf Grey Sugar (Edible Pod) .....	.10	.30	1.40
Tall Melting Sugar (Edible Pod) .....	.10	.30	1.40



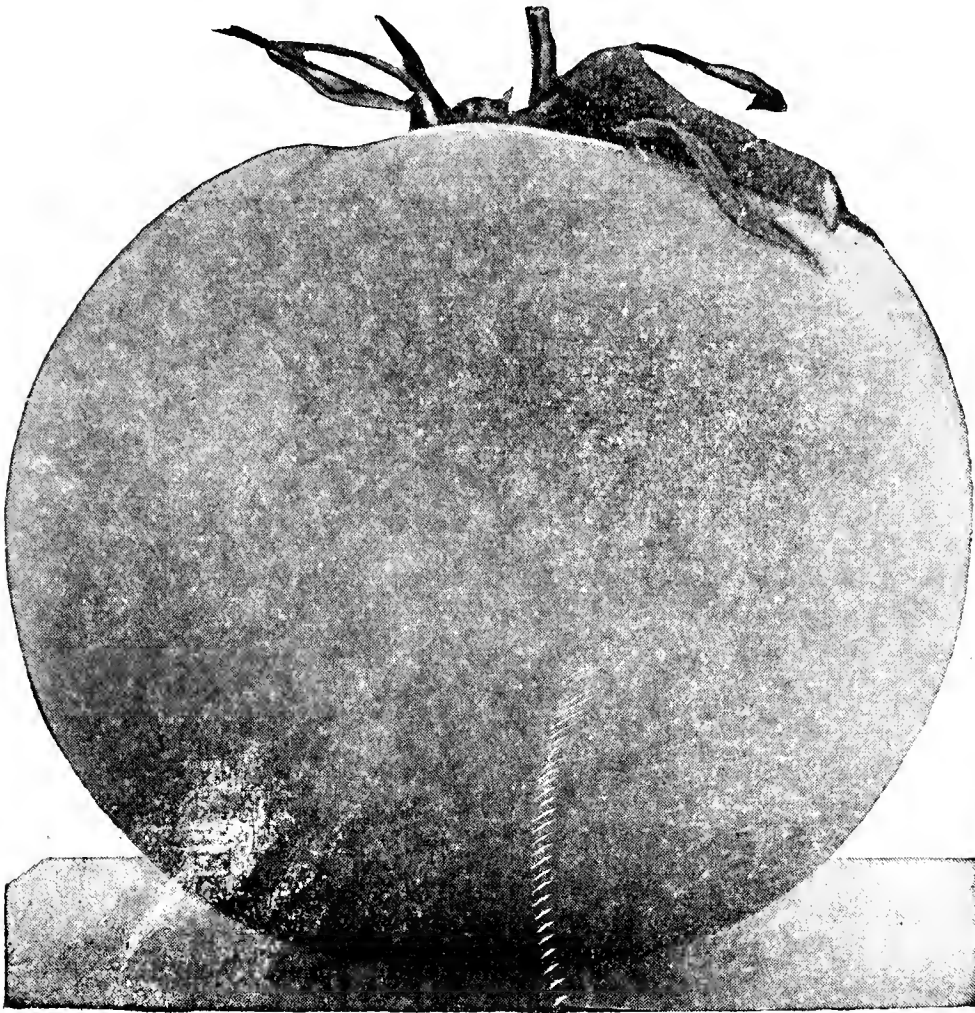
THOMAS LAXTON

ALL GARDEN SEED POSTPAID



# 1933 VARIETIES OF SUPERIOR QUALITY

## TOMATO Break O' Day



**TOMATO—Break O' Day**

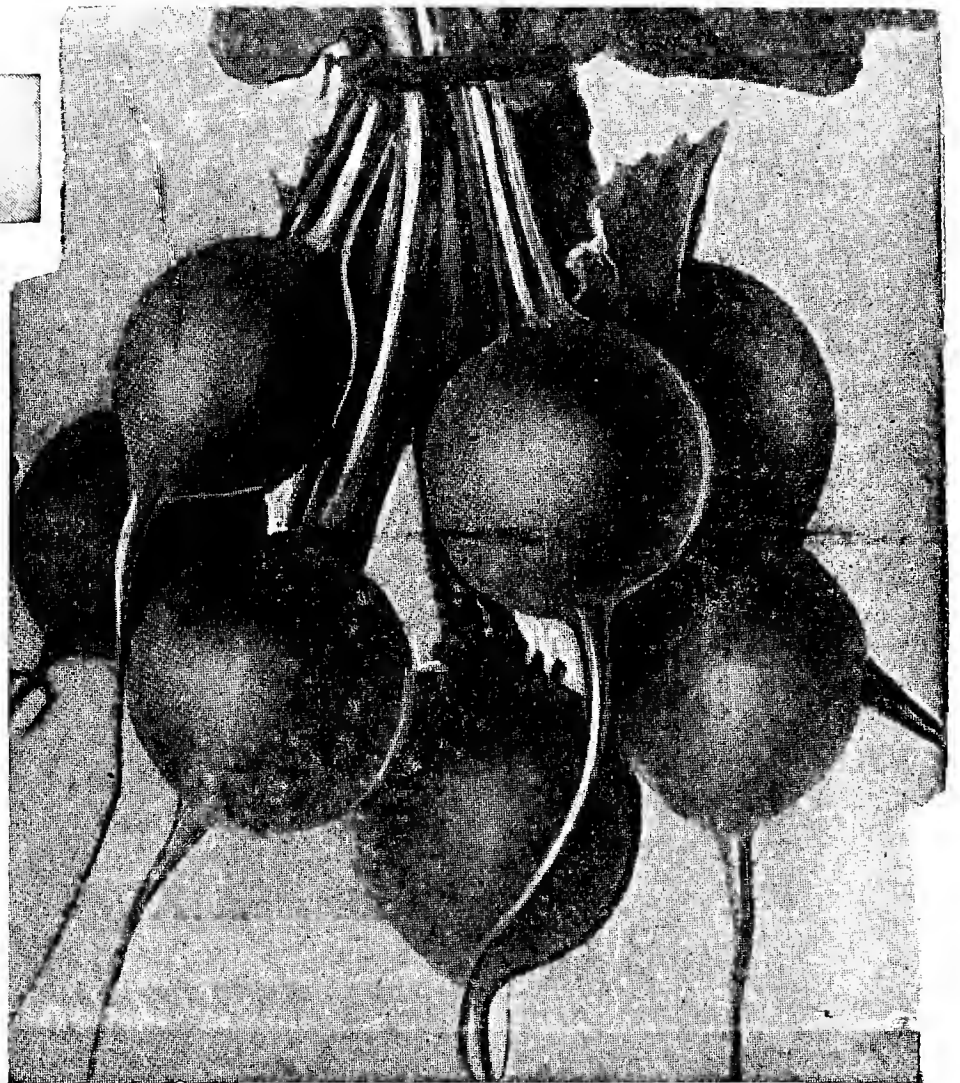
The latest introduction in Wilt Resistant Tomatoes. The earliest, disease resistant, globe shaped, scarlet fruited, meaty Tomato yet introduced; 10 to 12 days earlier than Marglobe, and very productive. Break O' Day will fill a long felt want for an early Tomato with the good qualities of the popular later sorts. It was developed by the U. S. Department of Agriculture, and is a cross between Marglobe and Marvanna, having the disease resistant quality of its parents. Vine is of open habit similar to Marvanna, but heavier in growth. Fruits are of the Marglobe type, deep globe shaped, solid—meaty, with few seeds, and a beautiful scarlet color. Excellent for home garden, truck farmers or canners. It is destined to be the "PEER" of early Tomatoes. Try it.

Pkt., 10c; oz., 50c; ¼ lb., \$1.50. Postpaid

## RADISH

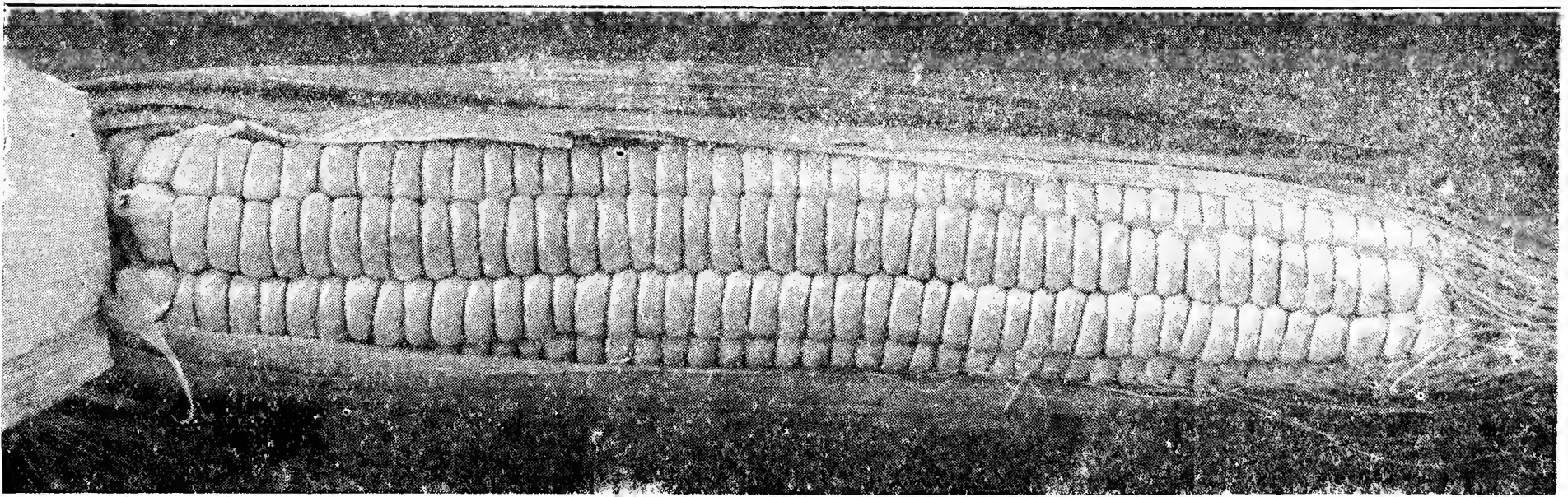
**Scarlet Globe.**

**20 DAYS**—The Scarlet Globe Radish is the best all-around radish on the market. It is handsome in both form and color, a beautiful oval of rich scarlet; the flesh is crisp, tender, juicy and mild. The amount of foliage small for the size of the radish, makes it a particularly attractive market sort. As a forcing radish it is the best in every way, bearing the heat requisite for forcing without becoming pithy or spongy. This radish is used by the leading market gardeners both for forcing and out-of-door planting. Owing largely to our care in selecting and growing seed, it leads all other varieties. Pkt., 5c; Oz., 10c.



**RADISH—Scarlet Globe.**

## SWEET CORN



**WONDER BANTAM SWEET CORN—All that the Name Implies**

With all the matchless sweetness and color of the old reliable Golden Bantam, all the toothsome qualities of taste, but one-third larger ears. Packet, 10c; Pound, 30c.

# NOVELTIES IN FLOWER SEEDS FOR 1933

## IMPROVED NEW GIANT CALIFORNIA SUNSHINE Finest Mixed

This wonderful Aster is a decide dimprovement over the old California Sunshine. The clear and beautiful colors are varying shades of Enchantress-pink, Apple-blossom, Deep Rose, Blue and Lavender. A dual-tone effect is obtained through contrasting light-yellow and blue centers. The outer or guard petals are somewhat loosely placed, creating an airy, lace-like effect which is altogether charming.

The flowers measure four to five inches across, with heavy stems fully eighteen to twenty inches long. We strongly recommend its adoption in place of the older type, both for florists' use and as a garden variety. —Pkt. 15c.

## NEW ASTER Indian Summer

We are fortunate in being able to introduce a new Aster of distinctly Crego type, the blooms measuring 4½ to 5 inches in diameter. Its color is identical with the favorite Continental color, Cinnabar. The flowers are very double, with attractively curled and twisted petals. We recommend this as a worthy addition to the Crego collection. Pkts., 15c.

## CARNATIONS

### Chabaud's Enfant de Nice

This fine novelty comes true from seed. The plants are robust and upright in habit, free blooming, producing large double flowers on long sturdy stems.

Red, per Pkt. -----	20c
Rose, per Pkt -----	15c
Salmon, per Pkt. -----	15c
White, per Pkt. -----	15c
Mixed, per Pkt. -----	10c

## ESCHSCHOLTZIA CALIFORNICA POPPY Salmon Beauty—Double

Beautiful double salmon, not variable. This novelty, offered by us for the first time this year, is salmon both inside and out. Very distinct. Pkts. 15c.

## CALENDULA— Golden Radio

We have succeeded in introducing a golden Calendula containing all the attractive characteristics of that outstanding introduction Orange Radio. It is our belief that this Calendula, Golden Radio, will meet with the same unanimous welcome by all growers. Pkts., 15c.

## NEW MARIGOLD GUINEA GOLD

A distinct type of graceful, pyramidal habit, growing 2 to 2½ feet high, and producing flowers 2 to 2½ inches across, of a brilliant orange with double ruffled, loose-leaf petals. This variety has been accepted as a valuable cut flower for florists' use and is now in great demand. Pkt., 15c.

## Springfield Seed Co's. New Double Sweet-Scented Nasturtium Golden Gleam

Awarded Gold Medal at Atlantic City Flower Show, 1931.

Selected for Trial at Wisley, 1932.

The plant form a vigorous, large bush which throws out short runners, averaging eighteen inches. The flowers commense as soon as the plant nears complete development, and at the time it is in full bloom the entire plant, including the runners, is a blaze of color. The large, golden-yellow flowers average two and one-half to three inches across. They are borne on erect, stiff stems six inches in length. Consequently the flowers stand well above the foliage, an arrangement which adds immeasurably to the showy appearance of the plant.

When well grown the remarkable formation of the petals gives the flowers a fully double appearance which is most attractive. An ordinary sized bouquet, when allowed to remain in a room for a short period of time, will fill the room with fragrance.

Through the courtesy of Mr. William Cuthbertson of Messrs. Dobbie & Co., this novelty was exhibited at the Chelsea Flower Show, London, where it met the approval of noted horticulturists.

Samples distributed among Botanical Gardens and Trial Grounds last season resulted in unanimous proclamation of the value of Golden Gleam as an outstanding and worthwhile novelty.

Golden Gleam was distributed last season to over three hundred customers throughout the world. We predict a very heavy demand for the season of 1933 and advise placing your order early to assure delivery.

Price per packet .....25c

## "MOON FLOWER"

IPOMEA—  
New Double Ipomea Rose Marie

We have pleasure in offering an early, free flowering double form of Moon Flower. Flowers are beautiful shade of deep rose of double and semi-double form. We predict Rose Marie will become as popular as Ipomea Heavenly Blue is today. Pkt., 20c.

## ZINNIA— CROWN O' GOLD MIXTURE

This aristocrat among Zinnias retains its place as an outstanding novelty.

Each petal of the flower is overlaid with a deep golden yellow at the base, while carrying out the individual flower color at the tip. The color range includes the popular florist shades: Old rose, cream, yellow, carmine red, pink, etc. Pkt. 15c.

## ZINNIA— EARLY WONDER

The first of a new race of dwarf, early flowering Zinnias, producing masses of Pumila type flowers on long stems. Pkt. 15c.



## RADISH

**CULTURE**—To be tender and crisp radishes must be grown quickly, and this requires rich soil and plenty of moisture. Commencing with the first mild spell in the spring, sow at intervals of 10 days, in a light, rich, deeply-worked soil. One ounce will plant 50 feet; 8 to 10 pounds one acre.

	Pkt.	Oz.	¼ lb.
Crimson Giant Forcing	.05	.15	.40
Early Scarlet White Tipped	.05	.10	.25
Early Scarlet Turnip	.05	.10	.25
French Breakfast	.05	.10	.25
Long Scarlet Short Top	.05	.10	.25
Icicle	.05	.10	.25
White Vienna, or Lady Finger	.05	.10	.25
Chartier Improved	.05	.10	.25
Round Black Spanish	.05	.10	.25
California White Winter	.05	.10	.25
China Rose Winter	.05	.10	.25

## SEED POTATOES

NORTHERN GROWN

Plant 8 Bu. per acre. Write for prices when ready to buy.

**Certified Stock**—We offer Michigan and Minnesota certified potatoes in several instances. Such stock has been inspected while growing by authorized state agents and found free from serious diseases and varietal mixture and is from vigorous fields. Sorting and grading to No. 1 grade is also required.

### EARLY OHIO—

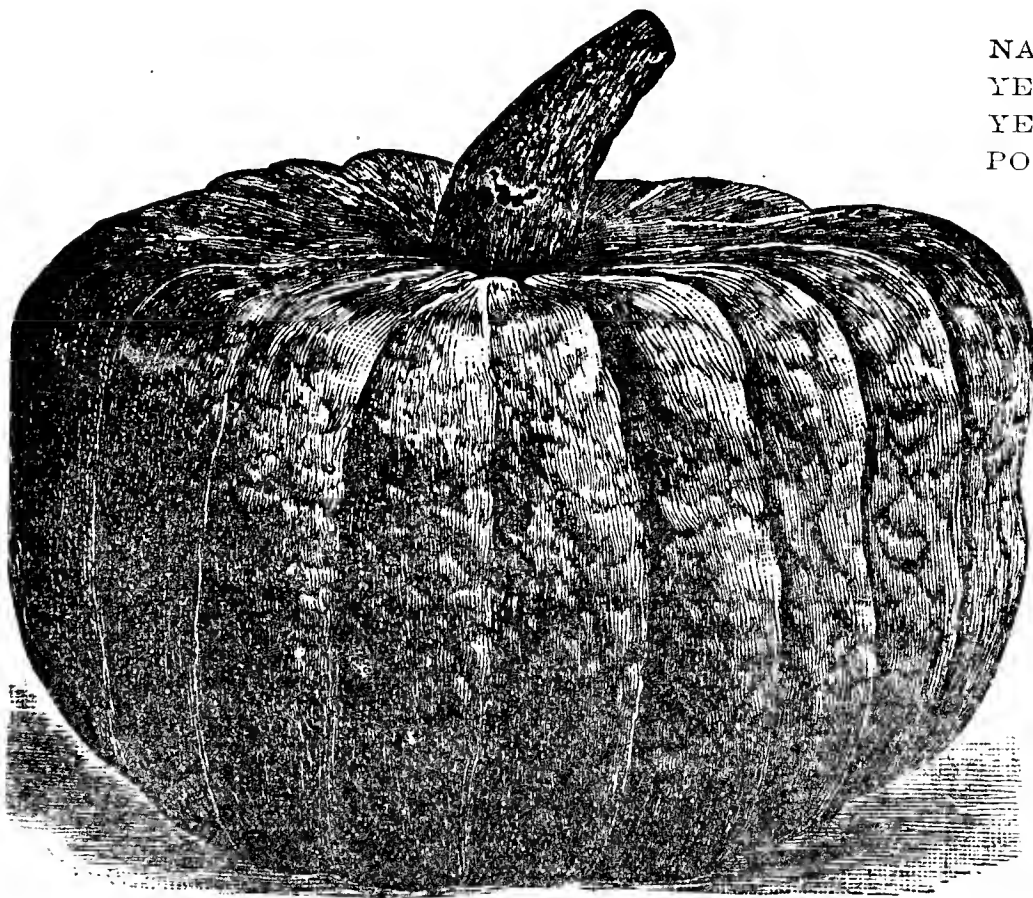
(Red River Stock)

BLISS EARLY TRIUMPH  
TRUE EARLY ROSE

### GREEN MOUNTAIN

BURBANK

EARLY SIX WEEKS  
IRISH COBBLER

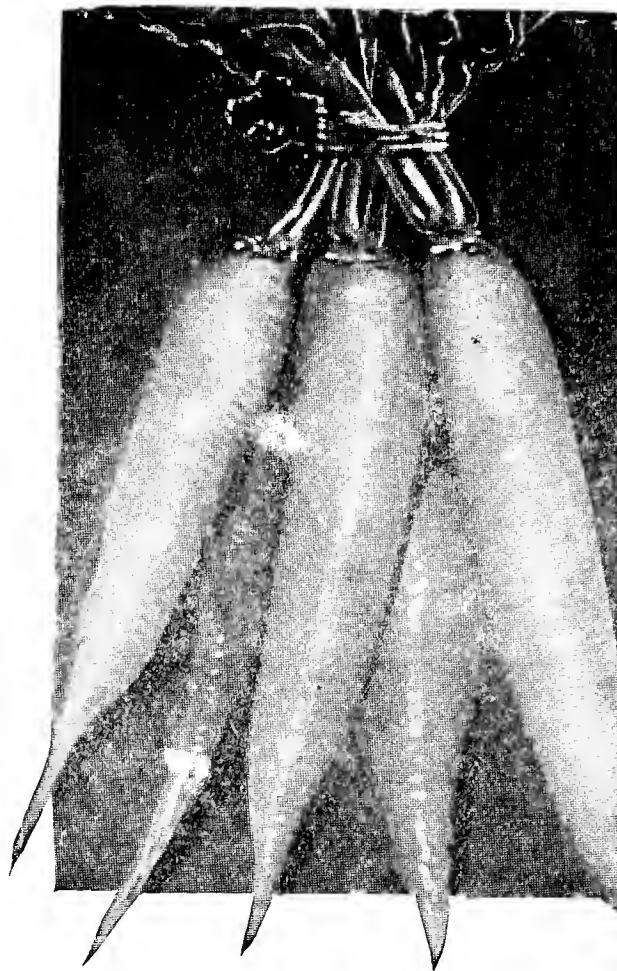


KING OF MAMMOTH

**CULTURE**—After danger of frost is over plant the seed in hills 8 to 10 feet apart each way, dropping about a dozen seeds in a hill. The soil should be made as rich as possible. If planted with corn, 2 or 3 seeds a rod apart each way will be sufficient. When danger from bugs is past, thin to 3 plants to a hill. Use 3 to 4 pounds of seed per acre; ¼ pound for 75 hills.

## PUMPKINS

	Pkt.	¼ lb	1 lb
Common field, stock	.05	.20	.50
Kentucky Field, stock	.05	.20	.50
Large Cheese, all purpose	.05	.20	.50
Tennessee Sweet, for pies	.05	.30	.90
Japanese Pie, for pies	.05	.30	.90
Jonathan, for pies	.05	.30	.90
King of Mammoth, for pies	.05	.30	.90
White Cushaw, for pies	.05	.30	.90
Striped Cushaw, for pies	.05	.30	.90



THE ICICLE

## Radish

SPARKLER  
EARLY  
SCARLET  
TULIP  
WHITE  
TIPPED

Handsome, early, round sort; bright scarlet at top, shading to white at bottom; medium size, crisp and tender; fine for first early planting; not unusual to have Radishes in 18 days from time of planting.

Pkt., 5c;  
oz., 10c;  
¼ lb., 25c  
Postpaid

## SEED SWEET POTATOES

Owing to the perishable nature of Sweet Potatoes, our responsibility ceases upon delivery to railroad company and receipted for in good condition.

Write for prices on the following varieties:

Yellow Kinds	Red Kinds
NANCY HALL	RED NANSEMOND
YELLOW NANSEMOND	RED JERSEY
YELLOW JERSEY	RED BERMUDA
PORTO RICO YAM	White Kinds
	BRAZILIAN
	SOUTHERN QUEEN

Plants of the above varieties ready for shipment about April 15. Write for prices.

## POPCORN (Shelled)

**JAPANESE HULLESS**—A dwarf growing corn. Heavy yielder. Pkt., 10c. Postpaid.

**WHITE RICE**—Most popular for general use, white, sharp-pointed kernels. Pkt., 10c. Postpaid.

**DYNAMITE**—Fine yellow variety. Pkt. 10c; postpaid.

Write for prices on larger quantities.

## PEANUTS

This crop is naturally adapted to a light, sandy land. When properly cared for, it will yield a good profit as a market crop or as pasturage for hogs. Shell the seed before planting, and plant in rows 3 feet apart, hills 10 inches apart. Peanuts should be planted in May or June.

	Lb.	5 lbs.
Tennessee Red	.25	\$1.00
Virginia	.25	1.00
Spanish	.25	1.00

Postpaid

## RHUBARB

### Or Pie Plant

**CULTURE**—Sow in spring in seed bed, in drills 1 foot apart. Cultivate well during the season. The stalks should not be cut before the third year. For immediate use order the roots, which come into use at once.

	Pkt.	Oz.
Pioneer Strawberry	.10	.25
Victoria	.10	.15
Linnaeus	.10	.15

ROOTS—10c each; \$1.00 per dozen, by mail, postpaid.

ALL GARDEN SEED POSTPAID—See Page 30

# SQUASH



IMPROVED HUBBARD

SUMMER SQUASH—1 oz. plants 25 hills; 3 to 4 lbs. to an acre.

WINTER SQUASH—1 oz. plants 10 hills; 3 to 4 lbs. to an acre.

	Pkt.	Oz.	1/2 lb.
Yellow Bush .....	.05	.10	.30
White Bush Mammoth .....	.05	.10	.30
Giant Summer Crookneck .....	.05	.10	.30
Winter Crookneck .....	.05	.10	.30
Hubbard .....	.05	.10	.30
Warty Hubbard .....	.05	.10	.30
Delicious .....	.05	.10	.30
Sweet Potato .....	.10	.20	

# SALSIFY

## Or Oyster Plant

	Pkt.	Oz.	1/2 lb.
Mammoth Sandwich Island .....	.10	.25	.75

# SPINACH

We handle immense quantities of Spinach Seed for a critical market garden and truck farm trade for a succession, the seed may be sown early in April and again in May in drills 1 foot apart and 1 inch deep, properly thinning out when plants are an inch in the leaf. For the earliest spring crop, sow from first to middle of September, protecting the crop through the winter with a light covering of straw or leaves. One ounce for 100 feet of drill, 10 pounds for an acre of drills. Write for prices in large quantities.

	Pkt.	Oz.	1/2 lb.
Bloomsdale Savoy Leaved .....	.05	.10	.20
Round Thick Leaf .....	.05	.10	.20
Long Standing .....	.05	.10	.15

# TOBACCO

CULTURE—A very clean piece of land is best for tobacco. It is customary to burn a piece of land in the woods for plant beds. This destroys grass, weeds and insects, adds fertility through the action of the wood ashes, and leaves the ground in good order. The seeds are sown about February and protected by plant-bed cloth to keep off tobacco flies. When large enough and weather is settled (about June), set the plants out in highly manured or fertilized soil in 3 1/2-foot rows, 3 feet between the plants. Constant care must be given, cultivating, suckering, worming, etc. Methods of curing differ according to the variety and color; 1 ounce sows 50 square yards, sufficient to set 2 or 3 acres.

JUDY'S PRIDE—This type of White Burley is the best of any variety grown in this section. Makes the largest yield and the highest grade of leaf, which is much superior to that grown in other sections. Good, bright leaf, small stem and wonderful flavor. Pkt., 20c; Oz., \$1.00. Postpaid.

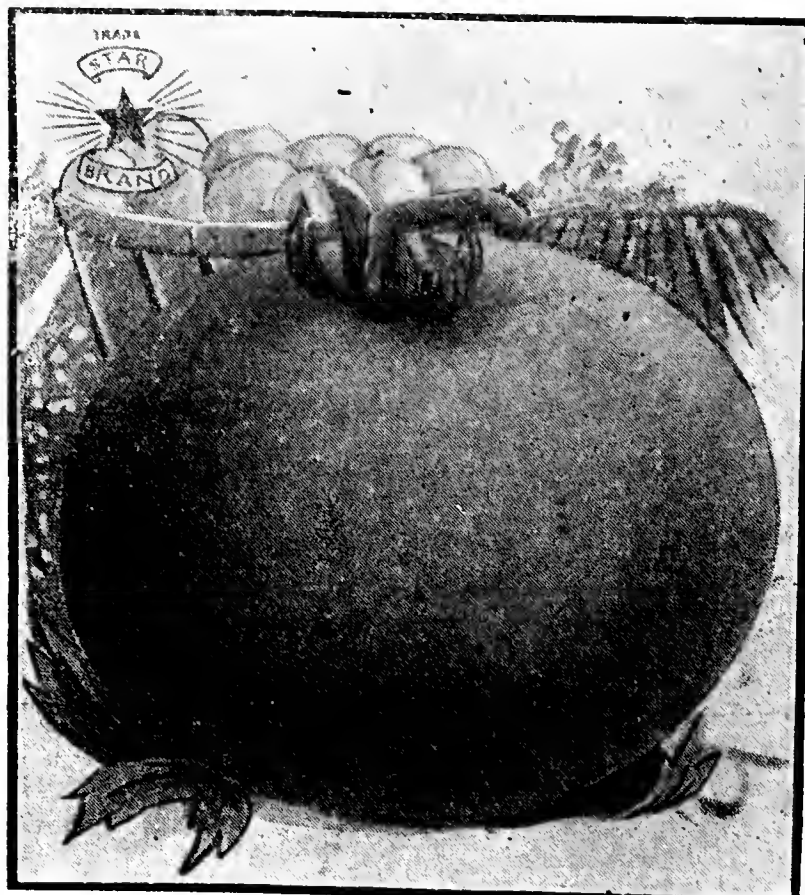
The following varieties are old standards:

RED AND WHITE BURLEY SWEET ORONOCO.  
YELLOW PRIOR. Pkt., 10c; Oz., 50c. Postpaid.

# TOMATO

CULTURE—One ounce of seed will produce from 2,000 to 3,000 plants. Sow the seed in hot-beds during March. When the plants are 2 inches high transplant into cold frames, plant boxes, paper pots or earth bands. After all danger of frost is over, set these plants into the open ground. The soil should be warm, mellow and fertile. Set plants 4 feet apart each way. Cultivate often and as long as the plants permit. By training the tomato vines on trellises or tying to stakes, the fruit will ripen better and be of finer flavor. A wire fence is a good support. When frost is feared in the fall, pull the laden vines and hang in a shed or cellar and many will continue to ripen.

## Special Prices on Tomato Seed To Cannery



MARGLOBE—Earliest wilt resistant variety. This fine tomato is the result of a crossing of the Early Marvel with the fine flavor and form of the Globe. The meat is solid, has very few seeds, non-acid and has a rich red color, is excellent for local market and will probably become one of the leading canning varieties. Pkt., 10c; Oz., 50c; 1/2 lb., \$1.50. Postpaid.

# TOMATO

	Pkt.	Oz.	1/2 lb.
John Baer .....	.10	.25	.75
Greater Baltimore .....	.10	.25	.75
New Stone .....	.10	.25	.75
Matchless .....	.10	.25	.75
Red Rock .....	.10	.25	.75
Dwarf Stone .....	.10	.40	1.20
Acme .....	.10	.40	1.20
Dwarf Champion .....	.10	.40	1.20
Earliana .....	.10	.30	1.00
Crimson Cushion .....	.10	.50	1.50
Ponderosa .....	.10	.50	1.50
Pear Shaped Red .....	.10	.40	
Bonny Best .....	.10	.40	1.20
Chalk's Early Jewell .....	.10	.40	1.20
June Pink .....	.10	.40	1.20

# KOHL RABI

	Pkt.	Oz.	1/2 lb.
Early White Vienna .....	.05	.25	.60
Early Purple Vienna .....	.05	.25	.60

SEE PAGE 30—ALL GARDEN SEED POSTPAID



WATERMELONS

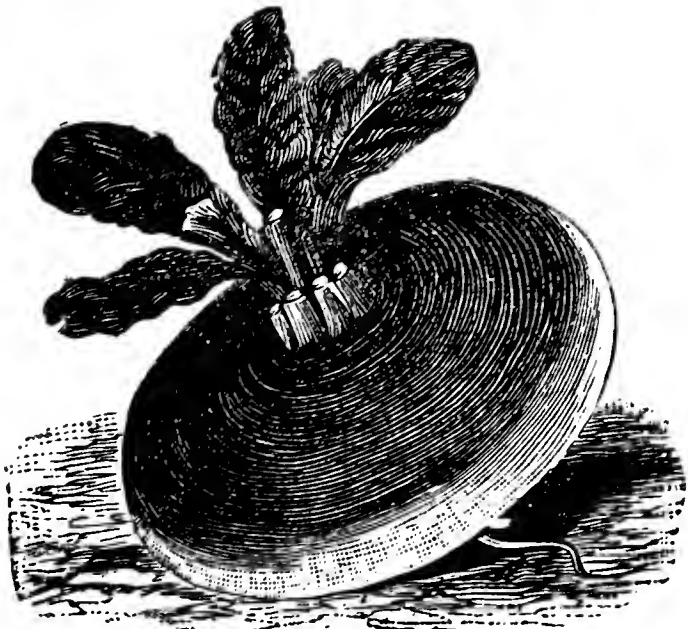
To raise good Watermelons it is essential that the plants have a good start, and it is important to prepare hills about 6 feet apart, by thoroughly working into the soil an abundance of well-rotted manure—hen manure, sheep manure, or other forms rich in nitrogen, being most desirable. Over this highly manured soil put 4 to 6 inches of fresh earth and plant the seeds in this, covering them about an inch deep. It is important that the seed should not be planted before the ground becomes warm and dry, as the young plants are very sensitive to cold and wet. Put 5 or 7 seeds in a hill. 1 ounce for 30 hills; 4 to 5 lbs, for an acre.



	Pkt.	Oz.	¼ lb.	lb.		Pkt.	Oz.	¼ lb.	lb.
Sweetheart . . . . .	.05	.10	.25	.75	Alabama Sweet . . . . .	.05	.10	.25	.75
Georgia Rattlesnake or Gypsy....	.05	.10	.25	.75	Halbert's Honey . . . . .	.05	.10	.25	.75
Kolb's Gem . . . . .	.05	.10	.25	.75	Tom Watson . . . . .	.05	.10	.25	.75
Mountain Sweet . . . . .	.05	.10	.25	.75	Irish Gray . . . . .	.05	.10	.25	.75
Peerless, or Ice Cream.....	.05	.10	.25	.75	Improved Kleckley's Sweet.....	.05	.20	.25	.75
Florida Favorite . . . . .	.05	.10	.25	.75	Gray Cuba . . . . .	.10	.15		

TURNIP

**CULTURE**—For early use sow very thinly in March or April in drills from 12 to 15 inches apart; thin out to 6 inches in the rows. For fall or winter crop, sow in July and August. The old saw: "On the twentieth of July, sow your turnips, wet or dry," is good advice and sow very sparingly—one seed to the inch is enough. The Rutabagas are grown for feeding stock, and are also excellent for the table. One ounce will sow 150 feet of drill; 1 to 1½ lbs. to the acre.



PURPLE-TOP STRAP-LEAVED

	Pkt.	Oz.	¼ lb.	lb.
Extra Early Purple Top Milan....	.05	.15	.30	\$1.00
Extra Early White Top Milan....	.05	.15	.30	1.00
Early White Flat Dutch.....	.05	.10	.20	.60
Purple Top Strap Leaf.....	.05	.10	.20	.60
Purple Top White Globe.....	.05	.10	.20	.60
Pomeranian White Globe.....	.05	.10	.20	.60
White Egg . . . . .	.05	.10	.20	.60
Amber Globe . . . . .	.05	.10	.10	.60
Cowhorn . . . . .	.05	.10	.20	.60
Yellow Globe . . . . .	.05	.10	.20	.60
Seven Top . . . . .	.05	.10		

RUTABAGA, OR SWEDISH TURNIP

	Pkt.	Oz.	¼ lb.	lb.
American Purple Top.....	.05	.10	.25	.75
White Russian . . . . .	.05	.10	.25	.75

HERBS

	Pkt.		Pkt.
Basil Sweet . . . . .	.10	Sage . . . . .	.10
Caraway . . . . .	.10	Summer Savory . . . . .	.10
Dill . . . . .	.10	Sweet Marjoram . . . . .	.10
Fennel . . . . .	.10	Sweet Thyme . . . . .	.10

VEGETABLE PLANTS AND ROOTS

We have the best equipped Greenhouses and Trial Gardens in the Southwest for growing plants. 45,000 square feet of glass.

In their proper seasons we shall have large quantities of all kindse of vegetable plants of our own growth. Give us ample time to select, pack and ship your order. By doing so you will secure better plants. Should we be sold out of the variety of plants ordered, we will send a nearly similar kind instead. They will be carefully packed and will carry long distances. Plants by mail at purchaser's risk. No charge for packing, etc. Special prices to growers and canners.

Transplanted Plants will be sent unless otherwise stated on your order.

CABBAGE—Frost Proof	Doz.	100	1000	Ready
Transplanted, home grown...	.15	.75	6.00	Feb. 15
Transplanted, seed bed.....		.60	4.50	April 1
Tomato, Transplanted . . . . .	.15	.85	7.50	April 1
Tomato for Canners, seed bed		.40	2.50	May 20-July 15
Peppers, Transplanted . . . . .	.25	1.50		April 1
Cauliflower, Transplanted ...	.25	1.50		Feb. 15
Sage, Transplanted . . . . .	.25	1.50		Feb. 15
Egg Plant, Transplanted....	.25	1.50		March 15
Celery . . . . .	.10	.50	4.50	April 1
Sweet Potatoes, Standard....		.45		Feb. 15
Sweet Potatoes, Nancy Hall..		.50	4.50	April 1
Parsley . . . . .	.25	1.50		April 1
Onion Plants, Bermuda..		.20	1.25	
Chives, per bunch, 10c.....	1.00	5.00		
Rhubarb Roots, large clumps—				
Each . . . . .	10c	1.00	5.00	
Asparagus Roots . . . . .	.25	1.50		
Horseradish Roots . . . . .	.15	1.00		

# FLOWERS

**"A Spot That Is Magnificent in July May Be a Desert in August Unless the Garden Is Wisely Planned."**

The soil best adapted for flowering plants generally is a light, pliable loam, containing a sufficient amount of sand to render it porous. Many flowers are better if produced on plants of vigorous growth, hence a portion of the garden should be prepared by deep digging, thorough pulverization and liberal enriching with large quantities of well-rotted manure. Since some other varieties produce the largest and finest colored flowers when grown on rather light, poor soil, a portion of the garden should not be enriched.

Cultural directions are given on the packets.

Plants are usually divided into three classes: Annuals (A), Biennials (B), and Perennials (P). Annuals are plants which normally live but a single season. Biennials are plants living two years; particularly those which do not bear flowers and fruit until the second season. Perennials tend to live from year to year.

## SEEDS FOR SPECIAL PURPOSES

A TABLE DESIGNED TO ASSIST IN MAKING SELECTIONS OF SUITABLE VARIETIES:

**For Beds and Borders**—Ageratum, Antirrhinum, Asters, Calendula, Calliopsis, Canna, Candytuft, Celosia, Coleus, Chrysanthemums, Dianthus, Eschscholtzia, Marigold, Nasturtiums, Pansy, Petunia, Phlox, Dwarf Poppy, Salpiglossis, Salvia, Stock, Verbena, Zinnia.

**Fragrant Flowers for Bouquets**—Alyssum, Candytuft, Carnation, Heliotrope, Lavender, Mignonette, Nasturtium, Dwarf; Nicotiana, Pinks, Stocks, Sweet Peas.

**For Backgrounds and Centers**—Antirrhinum, Asters, Balsam, Canna, Cardinal Climbers, Castor Beans, Cosmos, Delphinium, Hollyhock, Helianthus, Marigold, Marvel of Peru, Nicotiana, Salvia, Sweet William.

**For Edgings to Beds and Walks**—Ageratum, Dwarf; Alyssum, Dwarf; Aster, Dwarf; Bellis, Candytuft, Dwarf; Cockscomb, Dwarf; Lobelia, Marigold, Dwarf; Myosotis, Nasturtium, Dwarf; Phlox, Dwarf; Portulacca, Zinnia, Dwarf.

**For Partially Shaded Locations**—Canterbury Bells, Myosotis, Pansy.

**Climbing vines**—Canary Vine, Cobea, Cypress Vine, Dolichos, Japanese Hop, Kudzu Vine, Moon Flower, Morning Glory, Nasturtium, Tall; Sweet Peas, Thunbergia, Wild Cucumber.

**For Boxes and Baskets**—Alyssum, Asparagus Fern, Lobelia, Dwarf Nasturtium, Petunia, Smilax.

	Pkt.
Ageratum, Dwarf Blue (A).....	.10
Alyssum, Sweet Little Gem (A).....	.10
Amaranthus, Tricolor (A).....	.10
Asters, Giant Branching, Mixed (A).....	.10
Asters, Giant Crego Mixed.....	.10
Asters, Giant California Pink.....	.10
Asters, Giant Crimson .....	.10
Asters, Giant Lavender .....	.10
Asters, Giant Rose .....	.10
Asters, Giant White .....	.10
Asters, Giant Purple .....	.10
Asters, Sunshine Golden .....	.15

**ASTER PLANTS**—Bedding out plants on sale after the first of May at 50c per doz. Postpaid.

Balloon Vine (A).....	.05
Balsam, (Lady Slipper) Mixed (A).....	.10
Calendula, Orange King (A).....	.05
Canterbury Bells, Single Mixed.....	.10
Canterbury Bells, Double Mixed.....	.15
Calliopsis, Dwarf Mixed (A).....	.10
Candytuft, Fine Mixed (A).....	.05
Carnation, Marguerite Mixed (A).....	.10
Canary Bird Flower (A).....	.10
Cardinal Climber (A) .....	.10
Castor Oil Beans, Mixed (A).....	.05
Celosia or Cockscomb .....	.05
Centaurea (Bachelor's Button or Corn Flower (A)....	.05
Double Blue .....	.10
Centaurea Candissima (Dusty Miller).....	.10
Cosmos, Mammoth Mixed (A) .....	.10
Cosmos, Separate Colors .....	.10
Coboea Scandens (A).....	.10
Cypress Vine, Mixed.....	.10
Dahlia (A) .....	.05
Daisy, Shasta (P) .....	.05
Daisy, Double (P) .....	.05
Dianthus (Pinks), Double Chinese Mixed.....	.05
Dianthus Barbatus, Sweet William (P).....	.05



COSMOS

	Pkt.
Delphinium, Belladonna .....	.10
Delphinium, Bellamosum .....	.10
Delphinium, Giant Hybrids Mixed.....	.10
Digitalis (Foxglove), Mixed.....	.10
Eschscholtzia, Choice Mixed.....	.10
Forget-Me-Not (Myosotis) (P).....	.10
Four-o'Clock, Mixed .....	.05
Gaillardia, Single Mixed .....	.10
Gaillardia, Double Mixed .....	.10
Gaillardia, Perennial Mixed .....	.10
Godetia (A) .....	.10
Gomphrena (Globe Amaranth) (A).....	.10
Gourds, Mixed .....	.05
Gypsophila (Baby's Breath) (A).....	.10
Helianthus or Sunflower (A).....	.05
Helichrysum, Mixed Colors.....	.05
Hollyhock, Double Mixed.....	.10





## PETUNIAS

PETUNIA, Ruffled Giant ..	Pkt. .25
" Rosy Morn, Select.....	.10
" Fine Mixed .....	.10
" Balcony, Mixed .....	.25
" Double, Mixed .....	.25
HELIOTROPE (A) .....	.10
HIBISCUS (P) .....	.05
ICE PLANT (A).....	.10
JAPANESE HOP VINE (A).....	.05
JOB'S TEARS (A).....	.05
KOCHIA (Mexican Fire Bush).....	.10
KUDZU VINE (Jack-and-the-Bean-Stalk) (P).....	.10
LANTANA (A) .....	.10
LARKSPUR, Tall Double Mixed.....	.10
LATHYRUS LATIFOLIUS (Perennial or Everlasting Pea) .	.10
LOBELIA (P) .....	.10
LOVE IN A MIST, OR NIGELLA (A).....	.10
MARIGOLD, Tall African.....	.05
" Dwarf Double French Mixed.....	.10
MIGNONETTE, Sweet Scented.....	.10
MOMORDICA, Balsam Apple.....	.10
MORNING GLORY, Japanese Mixed.....	.05
MOONFLOWER .....	.10
NASTURTIUMS, Dwarf Mixed, Oz., 20c.....	.10
" Tall Mixed, Oz., 20c.....	.10
PANSY, Giant Trimardeau, Mixed.....	.10
" Trimardeau, Separate Colors.....	.10
PANSY PLANTS—Mixed colors of the choicest varieties, 50c per dozen. Postpaid.	
PHLOX DRUMMONDI GRANDIFLORA.....	.10
" STAR QUEDLINBURG .....	.05
POPPY, Mixed Single .....	.10
" Mixed Double .....	.10
" Shirley Mixed .....	.10
" Oriental .....	.10
PORTULACCA GRANDIFLORA (Rose Moss), Single Mixed .....	.10
PORTULACCA GRANDIFLORA, Double Mixed.....	.10

## Spencer Sweet Peas

Pkt. 10c; Oz. 25c.

ROYAL PURPLE.  
MRS. TOM JONES—Deep azure blue.  
ILLUMINATOR — Bright glowing salmon tinged with orange.  
CRIMSON KING.  
WARRIOR—The best pure deep maroon.  
MISS CALIFORNIA—A rich salmon pink.  
AUSTIN FREDERICK—Color a true lavender.  
KING WHITE.  
FINEST MIXED.

SCARLET SAGE, Splendens.....	Pkt. .10
SCABIOSA, Grandiflora Mixed.....	.10
SNAPDRAGON, Tall Mixed.....	.10
STOCKS, Large-flowering Ten Weeks Mixed...	.10
THUNBERGIA, or Black-Eyed Susan.....	.10
TRITOMA (Torch Lily, Flame Flower, Red Hot Poker) (P) .....	.10
VERBENA, Mammoth Mixed.....	.10
VINCA, Mixed .....	.10
ZINNIA, Giant Crimson .....	.10

" Giant White .....	.10
" Giant Yellow .....	.10
" Giant Scarlet .....	.10
" Giant Flesh Pink .....	.10
" Giant Purple .....	.10
" Giant Mixed .....	.10
" Dwarf Mixed .....	.10
" Dahlia Flowered, Mixed Colors.....	.25
" Improved Giant, Mixed Colors.....	.10
" Cactus Flowered .....	.25

## SPECIAL!

All 10c Pkts. 3 for	.25
7 Pkts. for	.50
15 Pkts. for	\$1.00
All 5c Pkts. 6 for	.25

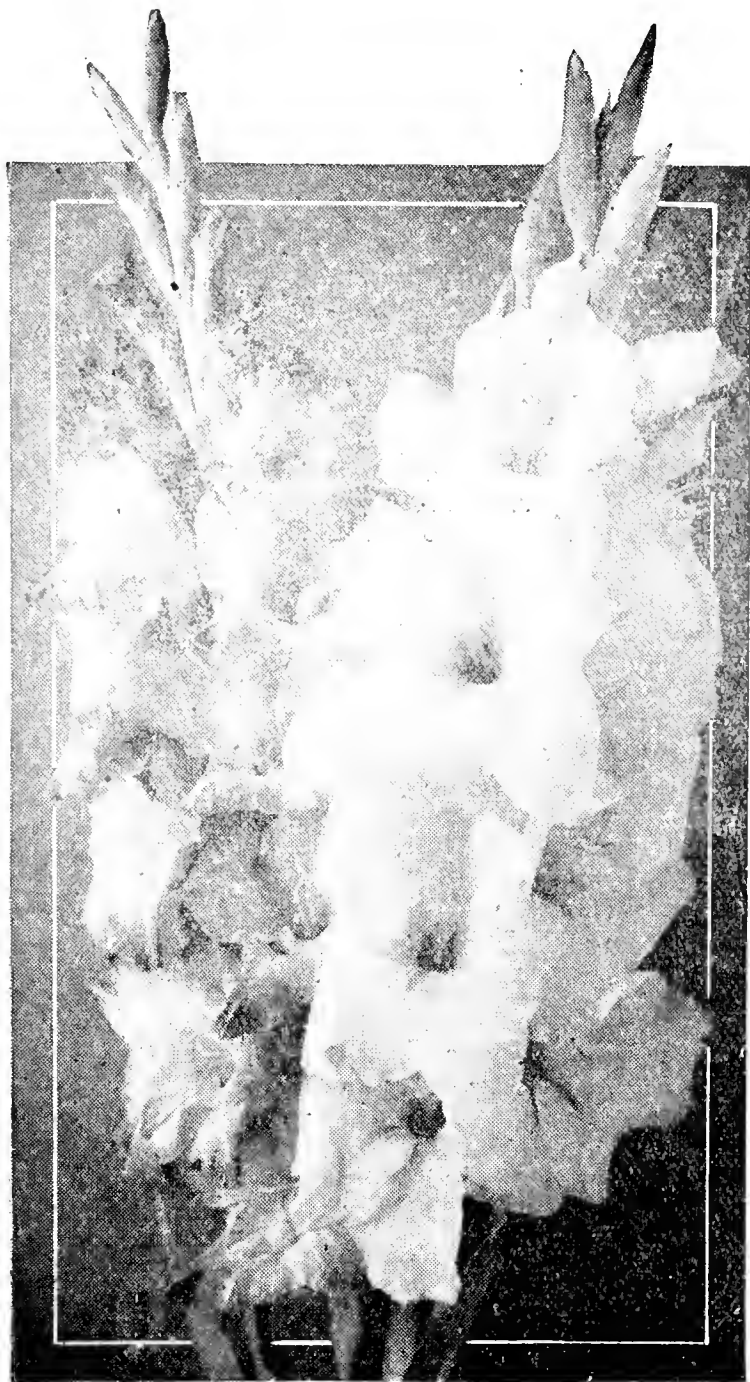


TRITOMA

## SUMMER FLOWERING BULBS

### Free Delivery by Mail

All bulbs offered in this list will be delivered to your doorstep anywhere in the United States by parcel post, prepaid, at prices mentioned.



### Gladiolus

**L'IMMACULEE**—Undoubtedly the best commercial white Gladiolus in existence. Very tall spike, well set with tremendous large flowers of great substance. 5c ea.; 50c doz. Postpaid.

**GOLDEN WEST**—Brilliant orange with darker mottled throat. A superb flower. 5c ea.; 50c doz. Postpaid.

**SCHWABEN**—A magnificent amber yellow, blotched in the throat and shaded with lemon yellow. 5c ea.; 50c doz. Postpaid.

**AMERICA**—Soft, flesh pink, lightly tinged with lavender—full round spike and large flower. 5c ea.; 50c doz. Postpaid.

**GAIETY**—A gay combination of colors, bright dark rose heavily flaked with white blotches and stripes. 5c ea.; 50c doz. Postpaid.

**PRINCE OF WALES**—Salmon-pink. 5c ea.; 50c doz. Postpaid.

**FINEST MIXED**—All colors, 3 for 10c; 35c dozen.

**RAINBOW MIXTURE** Gladiolus (Gladioli) Bulbs (1 doz). Price 50c per box. Postpaid.

### CANNAS—Ready March 1st to June 1st

**KING HUMBERT**—The Royal Red Canna. Height 5 feet. 15c ea.; 3 for 40c.

**THE PRESIDENT**—4 feet; in color a rich glowing scarlet. 15c ea.; 3 for 40c.

**YELLOW HUMBERT**—Fine yellow, spotted with red. Height 4 feet. 15c ea.; 3 for 40c.

**ROSEA GIGANTEA**—Giant flowers of soft rose. Height 3½ feet. 15c ea.; 3 for 40c.

**FLORENCE VAUGHN**—3 feet. Yellow with red. 15c ea.; 3 for 40c.

**QUEEN CHARLOTTE**—Scarlet center with orange. 5 feet. 15c ea.; 3 for 40c.

**BUTTERCUP**—Golden yellow. 2 feet. 20c ea.; 3 for 50c.

**ALL COLORS**—Mixed, dormant. 10c ea.; \$1.00 doz. Postpaid.

For \$1.00 we will mail one strong root of each of the 12 varieties of finest Cannas by parcel post to any address postpaid.

**Plants and Roots  
Not Prepaid  
Best Sent By  
Express or Bus**

### Tuberoses

**EXCELSIOR DWARF PEARL**—Rich, waxy white, very double and remarkably fragrant. 5c ea.; 50c doz. Postpaid.

**TALL DOUBLE**—Flower spikes 3½ to 5 feet high. First size bulbs 5c ea.; 50c doz. Postpaid.

### Caladium Esculentum

#### ELEPHANT'S EAR

**FIRST SIZE BULBS**—1½ to 2½ inch in diameter. Ea. 15c. Postpaid.

**SELECT SIZE BULBS**—2½ to 3 inches in diameter. Ea. 25c. Postpaid.

**MONSTER SIZE BULBS**—40c ea. Postpaid.

**LILY OF THE VALLEY**—35c doz. Postpaid.

**CINNAMON VINE**—A well known climber, brilliant glossy foliage, bears an abundance of fragrant flowers, often attains a height of 20 feet. 30c doz. Postpaid.

**MADEIRA VINE**—Tubers, 35c doz. Postpaid.

**PLANT PEP**—For flowers. 60c per box. Postpaid.

**HYACINTH, TULIPS and CROCUS**—For fall planting ready Sept. 1st. Send for Fall Bulb List.

### All Bulbs Postpaid

### Bedding Plants

Can be Shipped by Express or Bus. Not Prepaid.

Plants out of 2½-inch pots, 10c ea. or \$1.00 per doz. Not postpaid.

Plants out of 4-inch pots, 20c ea. or \$2.00 per doz. Not Postpaid.

**ALYSSUM**—White, for porch boxes.

**ALTERNANTHERA**—Red or yellow. For landscaping, designing and lettering.

**COLEUS**—All bedding varieties.

**CHRYSANTHEMUMS**—In all colors.

**FUCHSIA**—Assorted, 50c ea.

**FEVERFEW**—Thrifty, strong plants.

**GERANIUMS**—Out of 4-inch pots only. Double or single. All colors.

**HELIOTROPES**—Out of 4-inch pots only. Purple or white.

**PANSIES**—Large, imported varieties, in bloom. 50c doz.

**PANSIES**—Seed bed plants, not in bloom, 25c doz. ....

**PARLOR IVY**—Excellent plants.

**SALVIA, or SCARLET SAGE**—Large, flowering.

**CANNAS**—Growing plants, assorted, 20c ea.; \$2.00 doz

**CALADIUM**—Growing plants, 5-inch pots. 50c ea. ....

**CHINESE GIANT ASTER**—Per dozen plants 50c.....

**GROWING FERNS**—For porch boxes, 2½-inch pot size 10c ea.; \$1.00 doz.

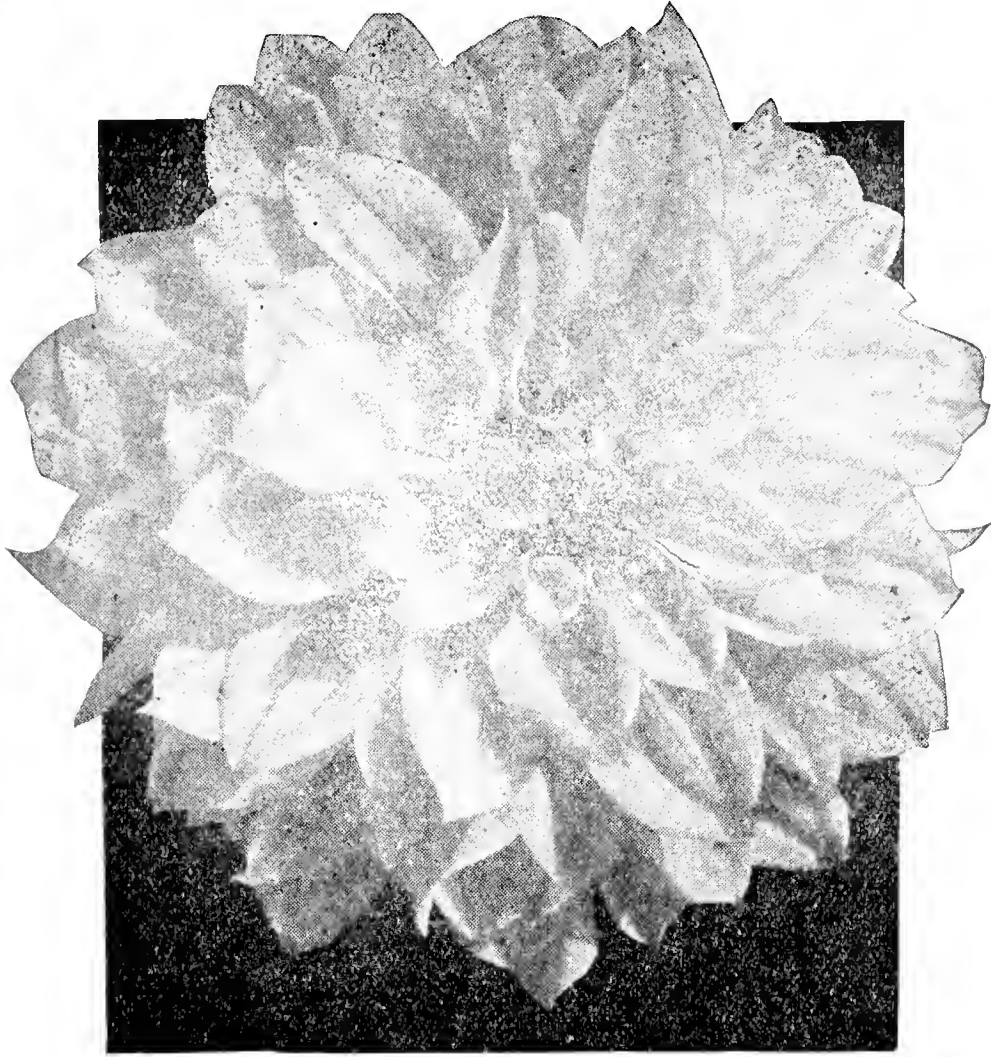
**GROWING FERNS**—For hanging baskets, 2½-inch pot size. 10c ea.; \$1.00 doz.



# SUMMER FLOWERING BULBS

## Dahlias

Please bear in mind—We offer only high test Exhibition Variety Tubers, such as have been duly tested and grown by us, and are true to name and color.



### Decorative Dahlias

JERSEY KING—Brilliant oriental-red with carmine suffusion ..... Ea. .20  
JUDGE MAREAN—No. 801—Decorative. Salmon pink with varying shadings of orange and golden yellow ..... .50

	Ea.	Doz.
BASHFUL GIANT—A gigantic bloom. Apricot with golden shadings.....	.50	
DARLENE—(Alexander). An exquisite shade of live shell-pink with a dainty blending of white at center.....	.20	2.00
MRS. I. DE VER WARNER—(Marean). A blossom of soft orchid coloring.....	.50	
PRIDE OF CALIFORNIA—Color crimson red with dark full center.....	.40	3.50
SHANNON—The color is a deep golden orange overlaid with a silvery sheen.....	.50	
LYNDHURST—Brightest vermillion.....	.20	2.00
SYLVIA—White edged pink.....	.15	1.50
WORLD'S BEST WHITE—Absolutely the best white dahlia.....	.50	
MAUDE ADAMS—White tinted pink.....	.20	2.00
DELICE—(Charmet). In color a charming bright rose-pink, suffused with lavender-pink .....	.20	2.00
JERSEY'S BEAUTY—(Decorative). A true, pure pink .....	.35	
A. D. LIVONI—Also known as "Ethel Vick." The favorite old-time quilled shell-pink..	.10	1.00
MILLIONAIRE—Light lavender shading to white in center .....	.40	3.50

### Cactus Dahlias

AMBASSADOR—it's color is a soft yellow at the center with salmon, amber and pink shadings, gradually deepening toward the tips.. Ea. .50  
ELSIE—A free blooming old rose and pink Dahlia ..... 2.00

	Ea.	Doz.
COUNTESS OF LONSDALE—A pleasing blending of salmon pink and amber .....	.20	2.00
DAHLIAS—Assorted, all colors .....	.10	1.00

## HARDY FLOWERING PERENNIALS

THESE ARE HARDY, EASILY GROWN FLOWERS THAT LIVE FROM YEAR TO YEAR. WE OFFER GOOD, STRONG, OUTDOOR-GROWN PLANTS.

### Daisies

SHASTA ..... Ea. .10 Doz. 1.00  
EARLY ELDER ..... .10 1.00

	Ea.	Doz.
PEONIES, Named, 35c to 50c Ea.		
PEONIES—Red .....	.25	2.50
PEONIES—White .....	.25	2.50
PEONIES—Pink .....	.25	2.50
HIBISCUS—Giant Mallow Marvels .....	.20	2.00

### Delphinium Hybridum (PERENNIAL LARKSPUR)

DELPHINIUM FORMOSUM—Dark Blue..... .20 2.00  
DELPHINIUM BELLADONA—Light blue .... .20 2.00

### Peonies

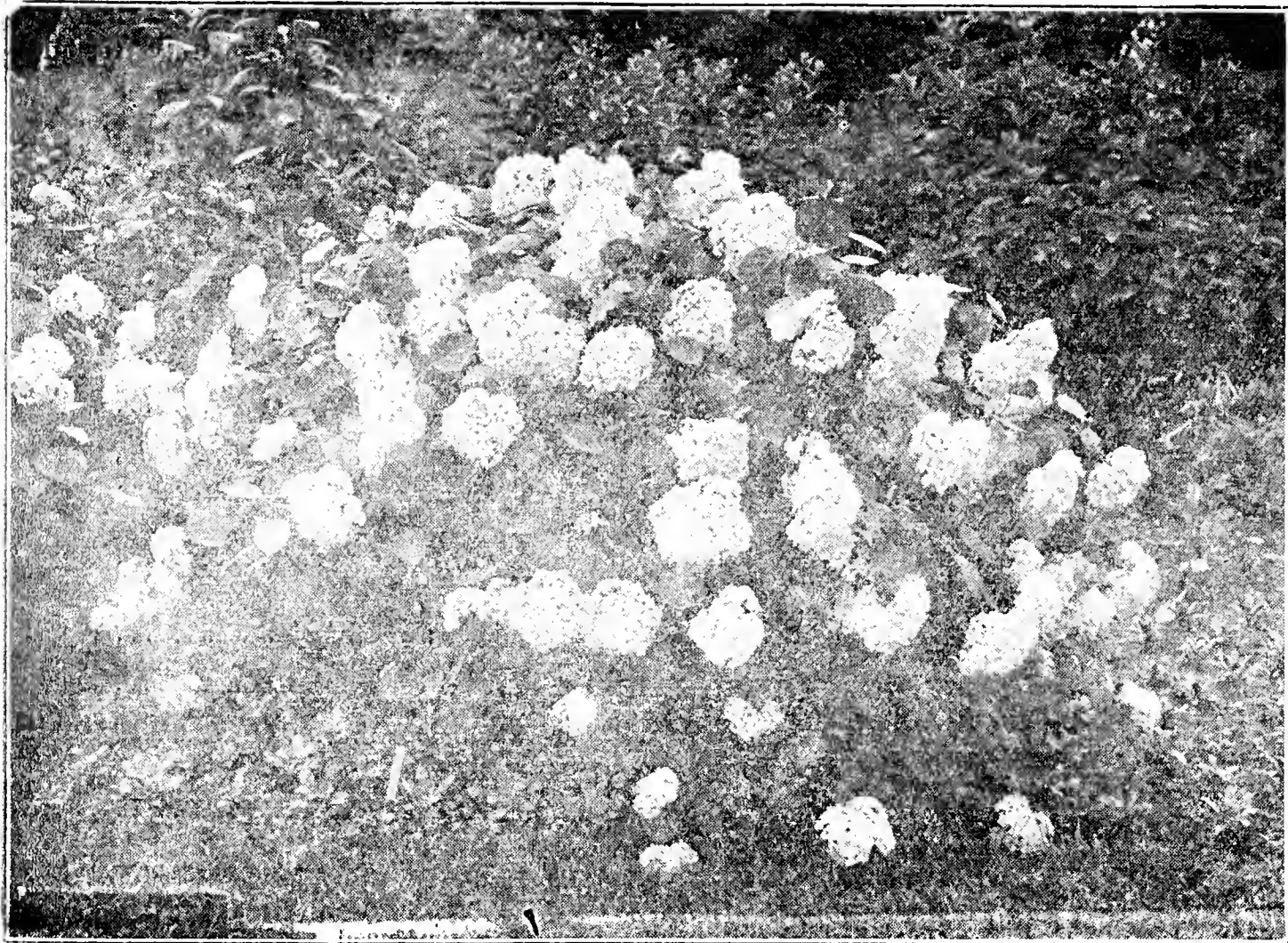
Peonies are absolutely hardy and when once established will take care of themselves, making larger plants and producing greater numbers of flowers each year. Plant them as early in the Spring as possible, from 5 to 6 inches deep and from 2 to 3 feet apart. Be sure to put some well-rotted manure or other fertilizer in the bottom of each hole. Press the ground carefully around the roots, being careful not to break the crowns.

### Hollyhocks

Scarlet, Rose, Newport, Pink, Maroon, Yellow, White, Mixed .....	.20	2.00
PERENNIAL PHLOX .....	.20	2.00
DIANTHUS BARBATUS .....	.15	1.50
GYPSOPHILA—Perennial Baby's Breath.....	.20	2.00
IRIS (German)—Perfectly hardy. They reward you with a wealth of bloom. Well named the "Orchid of the Garden." Blue, purple, white and lavender .....	.10	1.00

## HARDY FLOWERING SHRUBS

These Ornamental Shrubs are all perennials and when once established they need practically no attention for years.



HYDRANGEA GRANDIFLORA.

	Ea.
BUDDLEIA (Butterfly bush), or Summer Lilac . . . . .	.30
DEUTZIA PRIDE OF ROCHESTER . . . . .	.30
FORSYTHIA (Golden Bell) . . . . .	.30
HYDRANGEA GRANDIFLORA . . . . .	.30
HYDRANGEA — Hills of Snow. Ever-blooming . . . . .	.30
LILAC—Well-known Purple . . . . .	.30
QUINCE—Japan. Covered with brilliant scarlet flowers . . . . .	.30
SNOWBALL—Hardy. Attains a height of 3 to 10 feet. . . . .	.30
SPIREA VAN HOUTTEI — The grandest Spirea . . . . .	.25
SPIREA WATERER — Dark crimson flowers . . . . .	.40
SPIREA GOLDEN . . . . .	.30
SYRINGA — Mock Orange . . . . .	.30
WEIGELIA — Rose color trumpet-shaped flowers . . . . .	.30

### Hardy Climbing Rosebushes

40c Each; 2-Year Field Grown.

AMERICAN PILLAR—Carmine and rosy pink, white center; single; large clusters

CLIMBING AMERICAN BEAUTY—The same color and fragrance as American Beauty, but a climber. A fine rose should be in all collections.

DOROTHY PERKINS, PINK—A beautiful shell pink. Becoming lovely deep rose, sweet scented.

DR. W. VAN FLEET—A delicate shade of flesh pink deepening to rosy flesh in the center.

CRIMSON RAMBLER—Rapid grower and blooms in clusters, double crimson.

MARY WALLACE—Large; rose-pink.

RED DOROTHY PERKINS (Excelsa)—Brilliant crimson; very double for a rambler; glossy foliage.

SILVER MOON—Very large, semi-double flowers; pure white with a thick cluster of yellow stamens.

THOUSAND BEAUTIES—Soft pink to carmine rose; large clusters; fragrant; vigorous; long stems.

WHITE DOROTHY PERKINS—A pure white sort of the popular Dorothy Perkins; excellent.

### Ever Blooming Roses

60c Each; 2-Year, Field Grown.

GRUSS AN TEPLITZ—Tall growing, showy bedder, with reddish stems and unlimited bloom; intense velvety crimson-red.

SOUV. DE CLAUDIUS PERNET—The most satisfactory yellow rose ever produced.

RADIANCE—Extra hardy, vigorous and prolific; one of the best all-round Garden Roses. Its color is a beautiful blending of carmine-rose with shades of opal and copper.

RED RADIANCE—The globular, heavy-stemmed Radiance type; a brilliant crimson.

WHITE KILLARNEY—A duplicate of the charming pink Killarney, with flowers white as snow.

#### SHRUBS AND VINES POSTPAID

We Cannot Send Shrubs Larger Than 2 to 3 Feet by Parcel Post.

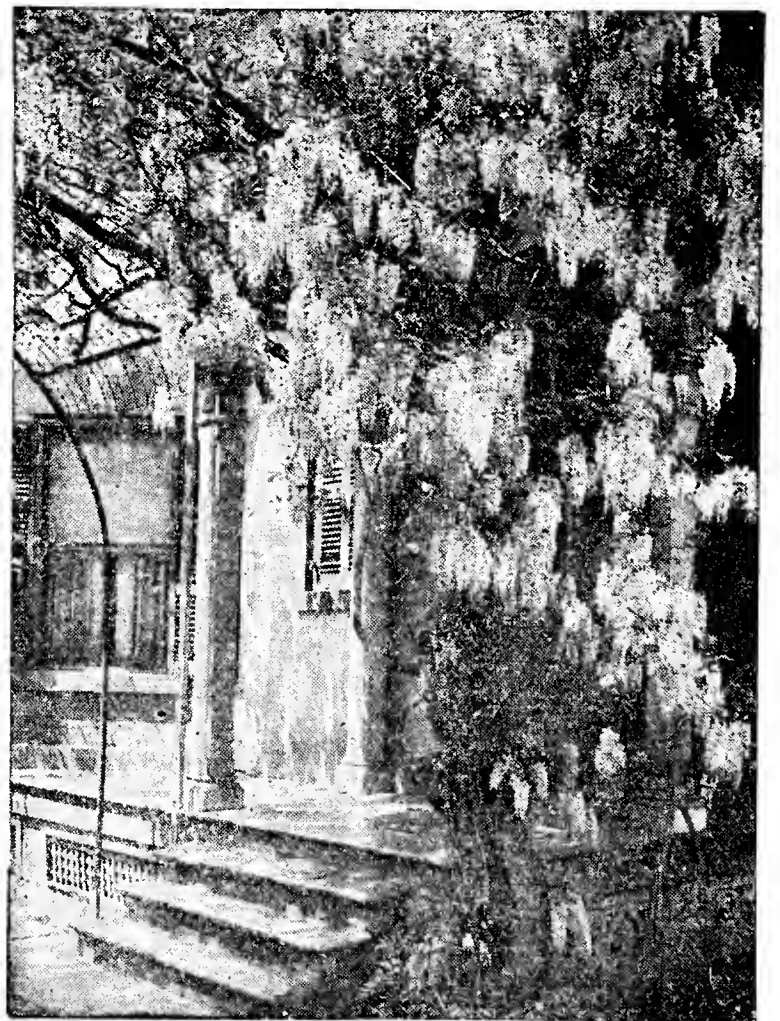
Ten live, thrifty Rose Bushes 1 year old. Colors pink, red, white and yellow. Will be sent anywhere postpaid for only \$1.00.

### Hardy Rosebushes

40c Each; 2-Year Field Grown

CONRAD FERD. MEYER—An early flowering hybrid. Flowers large, cup-shaped and double; of a delicate silvery pink.

PAUL NEYRON—Deep shining rose, perhaps the largest of roses; blooms freely, very fragrant.



PINK RAMBLER—DOROTHY PERKINS

FRAU KARL DRUSCHKI—Long pointed buds; large pure white flowers; the White American Beauty. 40c Ea.

GEN. JACK—Handsome blooms of bright shining crimson, rich brilliant and velvety; fragrant. 40c Each.

HUGONIS—Fairly covered in early spring with delicate yellow single flowers. Exceptionally good for use with shrubs. 40c Each.



# EVERGREENS

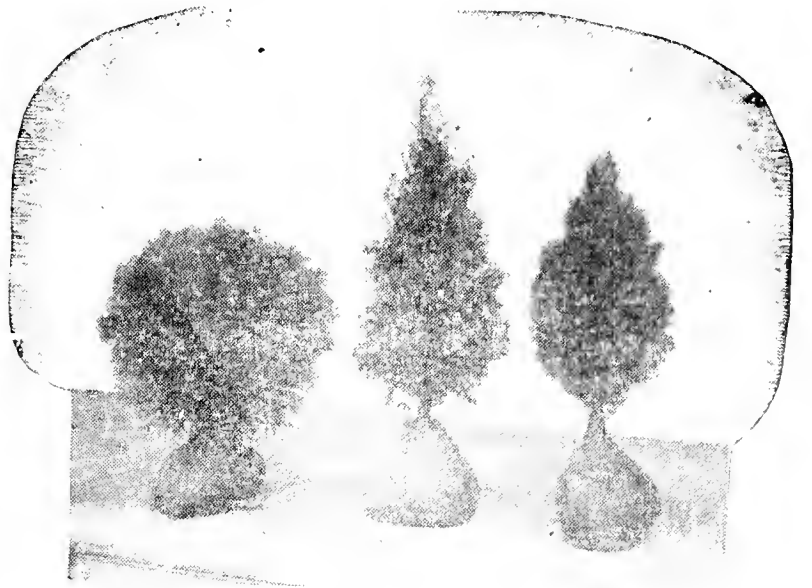
## NOT BY MAIL

Our Evergreens have been transplanted several times to secure abundance of fibrous roots. The trees will be dug with a ball of earth, wrapped in burlap.

- AMERICAN PYRAMIDAL ARBORVITAE—2 to 3 feet. \$2.25 Ea.  
 CHINESE ARBORVITAE—2 to 3 feet. \$2.25 Ea.  
 BERKMAN'S GOLDEN ARBORVITAE—24 to 30 in., \$4.50 Ea.  
 GLOBE ARBORVITAE—12 by 12 inches, \$1.50 Ea.  
 PINE, Mugho—A many stemmed low branch, dense, dwarf pine, \$1.50 Ea.

JUNIPER, Savin—Low and spreading in habit. An excellent border for large evergreens, and valuable for foundation plantings.  
 15 inch spread .....\$1.75 Ea.  
 18 inch spread .....\$2.25 Ea.

JUNIPER, Pfitzer—Gray-green, low, broad, irregular. One of the good rarer varieties.  
 15 to 18 inches .....\$2.75 Ea.



Evergreens "Bailed and Burlapped"  
 Pyramidal Arborvitae (center) Globe Arborvitae (left), Chinese Golden Dwarf Arborvitae (right).

## Ornamental Shrubs for Hedges

	Doz.	100
AMOR RIVER PRIVET .....	.60	5.00
JAPANESE PRIVET (Ibota) .....	.60	5.00
BARBERRY THUNBERGIA—Perfectly hardy..	1.90	8.50

## Hardy Climbing Vines

- CLEMATIS JACKMANII—Flowers large violet-purple.  
 75c Each.  
 CLEMATIS PANICULATA—Flowers pure white, 35c Ea.  
 AMPELOPSIS VEITCHII (Japan or Boston Ivy) 40c Ea.  
 CHINESE WISTARIA—40c Each.  
 HONEYSUCKLE (Hall's), 25c Each.

## Hardy Water Lilies (NOT POSTPAID)

The culture of water lilies is very simple. All they require is sun, water and rich soil. In selecting the site for a pool choose, if possible, a place sheltered by a building, trees or shrubs far enough from the edge of the pool that they will not overshadow the water. This will insure the full benefit of the sun's rays in warming the water and at the same time afford protection from high winds.

MARLIACEA CHROMATELLA—Lovely yellow flowers from 4 to 6 inches in diameter. Best hardy yellow lily, \$1.50.

WATER HYACINTH—A floating plant both showy and interesting. The flowers are lavender. The long bushy roots are valuable for receiving the spawn of goldfish. 3 for 50c.

MARLIACEA ALBIDA — Pure white, fragrant, free bloomer, \$1.50.

ODORATA ROSEA — Beautiful rose pink, stamens yellow, \$1.50.

PYGMAEA HELVOLA—Small sulphur yellow, \$1.00.

TUBEROSA ROSEA—Exquisite light pink. Early free bloomer, \$1.00.

## OXYGENATING PLANTS

ANACHARIS—Narrow leaf. A rapid grower.

COONTAIL—Leaves resemble a spruce tree.

MYRIOPHYLLUM—Light green feathery leaves. A strong grower, 3 for 25c.

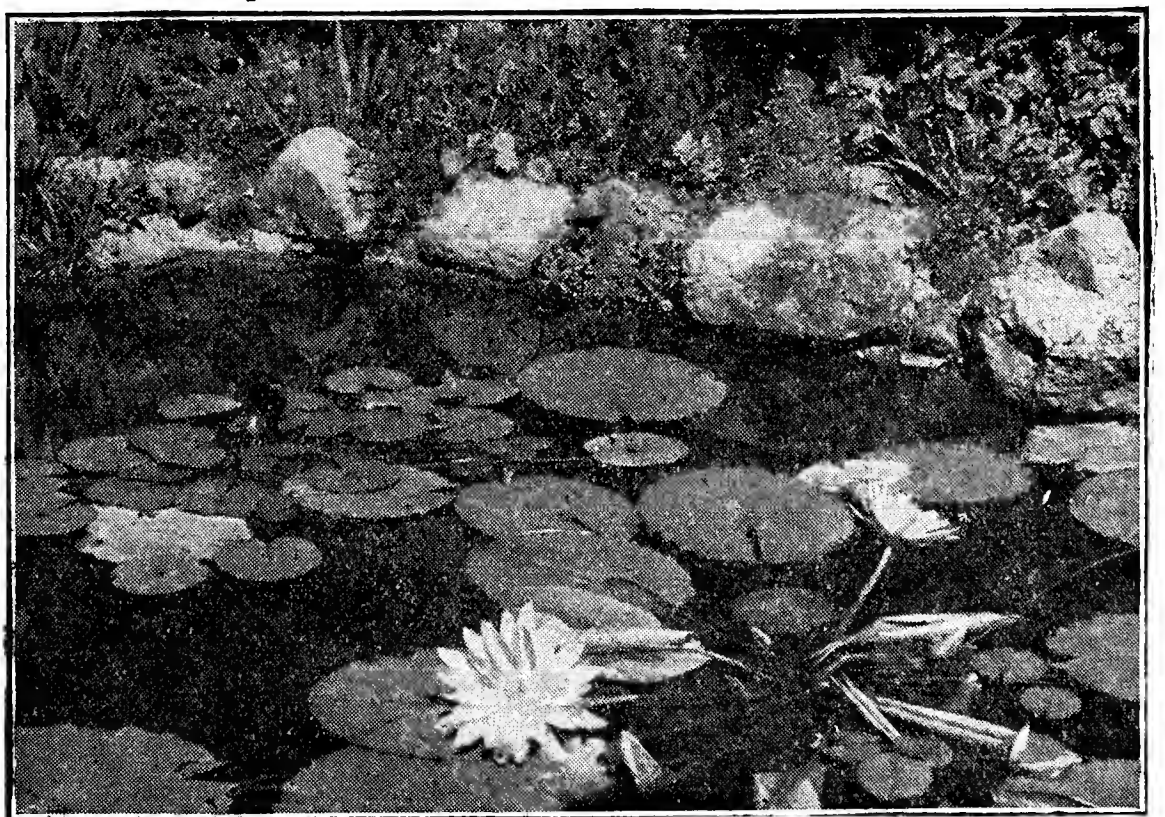
## Seeds and Plants Suitable for Rock Gardens

### SEEDS

ARABIS (Rock Cress), Pkt. ....	10c
ALYSSUM SAXATILE, Pkt. ....	10c
COLUMBIE, Pkt. ....	10c
DAISIES, Pkt. ....	10c
DIANTHUS BARBATUS, Pkt. ....	10c
DUSTY MILLER, Pkt. ....	10c
HELIANTHEMUM (Rock Cress), Pkt. ....	10c
ICE PLANT, Pkt. ....	10c
PETUNIAS, Balcony varieties, Pkt. ....	10c
MYOSOTIS, Forget-me-not, Pkt. ....	10c
PORTULACCA, Rose Moss, Pkt. ....	10c
VERBENAS, Pkt. ....	10c

### PLANTS

DAISIES, Elder, each .....	10c
PHLOX, Sublata, each .....	20c
SEDUM STOLONIFERUM (Live Forever, Fleshy leaves, purple pink flowers, each .....	25c
VERONICA RUPESTRIS, Deep blue flowers, each....	25c
VIOLETS, Sweet Russian, Single, each10c; 3 for....	25c
DWARF IRIS, each .....	25c



A LILY POND IN ITS FIRST YEAR.

## Plants for the Rock Garden

In planting the rock garden, use upright forms on the lower levels with those of creeping or horizontal habit on the slopes and on top to trail downward. Annuals may be used to advantage until the perennials get well started. We list above a number of the better seeds and plants suited to the rock garden. We are very sure you will be able to make a selection which will please you.



## FARM AND FIELD SEEDS

In Sealed Bags, Purity and Germination Certificate Attached.  
U. S. Dept. of Agriculture Certificate of Origin.



### VERIFIED-ORIGIN SEED CERTIFICATE

Issued by Authority of the  
United States Department of Agriculture

This is to certify that the lot of seed of which this is a part has been verified as to origin and identity by a Federal Seed Inspector and that the facts stated below are in conformity with those given on the certificate or certificates issued by him, as shown by our records.

Kind of seed.....Lot No.....

Where grown .....

SPRINGFIELD SEED COMPANY  
Springfield, Missouri



## A Step Ahead of the Times

We believe we were the first Seed Company to pack seeds in sealed bags, with purity and germination certificates attached. This we did before seed laws required it.

## Another Step

Our intention is to keep "STAR BRAND" seeds the most satisfactory and the best seeds on the market. United States Department of Agriculture VERIFIED ORIGIN SEED CERTIFICATES will now be attached to bags containing Red Clover, Mammoth Clover, Alfalfa and Seed Corn.

Prices on Grass and Clover and all Farm Seeds are constantly changing. We invoice all orders sent us at the lowest market price prevailing at time order is received. Latest market prices quoted on request.

### ALFALFA—Star Brand

60 Pounds a Bushel. Sow 20 Pounds per acre.

### GRIMM ALFALFA—Star Brand

60 Pounds a Bushel. Sow 20 to 25 Pounds per acre.

### MEDIUM RED CLOVER—Star Brand

60 Pounds a Bushel. Sow 8 to 12 Pounds per acre.

### MAMMOTH, or SAPLING—Star Brand

60 Pounds a Bushel. Sow 8 to 12 Pounds per acre.

### ALSIKE CLOVER—Star Brand

60 Pounds a Bushel. Sow 4 to 8 Pounds per acre.

### WHITE CLOVER—Star Brand

60 Pounds a Bushel. Sow 4 to 8 Pounds per acre.

### SWEET CLOVER—Star Brand

60 Pounds a bushel. Sow 12 to 15 Pounds per acre.

### HUBAM CLOVER—Star Brand

60 Lbs. a Bu. Sow 20 to 25 Lbs. per Acre Broadcast.

### CRIMSON CLOVER—Star Brand

50 Pounds a Bushel. Sow 15 Pounds per acre.

### JAPAN CLOVER or LESPEDEZA

25 Pounds a bushel. Sow 15 to 25 Pounds per acre.

### KOREAN JAPAN CLOVER

### TIMOTHY—Star Brand

45 Pounds a Bushel. Sow 12 to 15 Pounds per acre.

### TIMOTHY AND ALSIKE

45 Pounds a Bushel. Sow 15 to 20 Pounds per acre.

### TIMOTHY AND CLOVER

45 Pounds a Bushel. Sow 15 to 20 Pounds per acre.

### KENTUCKY BLUE GRASS—Star Brand

14 Pounds a Bushel. Sow 20 to 30 Pounds per acre.

### RED TOP—Star Brand

14 Pounds a Bushel. Sow 15 to 25 Pounds per acre.

### ORCHARD GRASS—Star Brand

14 Pounds a Bushel. Sow 14 Pounds per acre.

### MEADOW FESCUE or ENGLISH BLUE GRASS

24 Pounds a Bushel. Sow 20 to 30 Pounds per acre.

### DOMESTIC RYE GRASS

20 Pounds a Bushel. Sow 40 to 50 Pounds per acre.

### HUNGARIAN BROME or AWNLESS BROME

14 Pounds a Bushel. Sow 20 Pounds per acre.

### ROUGH STALKED MEADOW GRASS

### PACEY'S RYE GRASS

Write for prices on Field Seeds, if Your Local  
Merchant Cannot Supply You With

## STAR BRAND SEEDS

Please Mention His Name.

## Special Golf Mixture

We have a special pamphlet on the construction and maintenance of Golf Links which we will be pleased to send on request. We find that the best results are obtained by consultation with each customer, so if you will write us your problems, a description of your links, the nature of the soil, etc., we will give it individual attention.

## Buckwheat

22 Lbs. a Bushel. Sow 25 Lbs. per acre.  
Japanese Silver Hull

## Barley—Star Brand

48 Lbs. a Bu. Sow 95 to 100 Lbs. per acre.  
White Hulless Bearded

## Broom Corn

48 Lbs. a Bushel. Sow 36 Lbs. per acre.  
Imp. Evergreen Black Spanish  
Dwarf Evergreen White Italian

## Rape

56 Lbs. a bushel. Sow 8 Lbs. per acre.  
Dwarf Essex.

## Sunflower

Mammoth Russian—7 Lbs to acre.

## Rye—Star Brand

56 Lbs. a bushel Sow 1 to 1½ Bu. per acre.  
Spring Rye Winter Rye

## Vetch

60 Lbs. a bushel—60 Lbs. per acre.  
Sand or Hairy Spring Vetch

## Flax—For Sowing

56 Lbs. a Bushel. Sow 35 Lbs. per acre.

## Feterita

50 Lbs. a bushel. Sow 25 Lbs. to acre.

## Teosinte

2 to 3 Lbs. plant an acre.

## Mung Beans

8 Lbs. of seed to plant one acre.

## Egyptian Wheat or Shallu

## Oats

Star Brand—32 Lbs. a bushel. Sow 1 to ½ Bushel to the acre. **Lb. 25c; postpaid.**  
2 bushels per acre.  
Texas Rust Proof Kanota Oats  
Lincoln White Winter Turf 25 Lbs. a bushel. Sow 20 Lbs. per acre.

## Fodder Cane Seed

### STAR BRAND

50 Lbs. a bushel. Sow 75 to 100 Lbs. per acre for fodder.

Early Orange Red Top  
Standard Orange Texas Seeded Ribbon  
Early Black Amber Japanese Honey  
Grohoma

## Millet—Star Brand

50 Lbs. a bushel. Sow 25 Lbs. per acre.  
German Millet Jap. Millet or Bil-  
White Wonder lion Dollar Grass  
Hog Millet or Pearl Millet or  
Manitobia Pencillaria.

## Milo Maize

50 Lbs. a bushel. Sow 40 Lbs. per acre.

## White Kaffir Corn

50 Lbs. a bushel. Sow 25 Lbs. per acre.  
Sunrise Kaffir.

## Sudan Grass

Star Brand. 40 Lbs. a bushel. Sow Broad-  
cast 20 to 25 Lbs. per acre.

## Cowpeas

60 Lbs. a bushel. Plant broadcast 60 Lbs.  
to acre. Drill ¼ bushel per acre.

There is no cheaper way to improve  
poor land than by growing cowpeas. They  
add nitrogen and improve the mechanical  
condition of the soil.

Whippoorwill

Black Eye

Black

Mixed

New Era

The Clay

Canada Field

Red Ripper

Sugar Pea

Blue Goose

Browneyed

Noname

Lady Pea

## Velvet Beans

## Johnson Grass

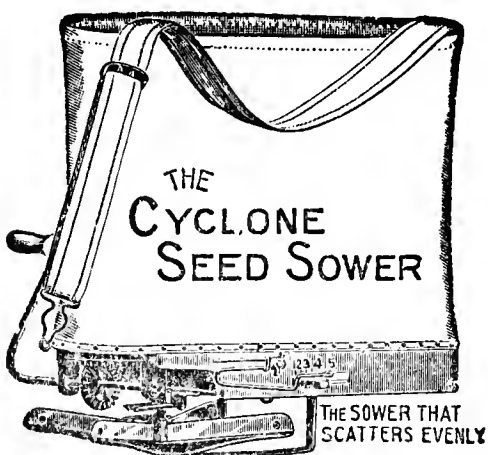


ORANGE CANE

## Wheat

60 Lbs. to bu hel. 90 Lbs. per acre.  
FULCASTER RECLEANED—Winter, soft.  
MEDITERRANEAN RECLEANED—Winter, soft.

## Grass Seeders



CAHOON—A splendid seed sower that will pay for itself  
in a few days in the time saved. Each.....\$5.00  
CYCLONE. Each ..... 2.00  
THE HORN. Each ..... 1.00  
Postpaid, add 15c each.

## McQueen's Pure Culture

We believe this the best of the many Bacteria Cultures.  
McQueen's Pure Culture" is put up in round cans, Garden,  
one-half bushel, one bushel, two and one-half  
bushel, and five bushel  
sizes. Full directions for  
use with each can. We  
can offer cultures for all  
the different legumes, including Alfalfa, Clover, Cow  
Peas, Soy Beans, Vetches, Garden Peas, Beans, etc. In  
ordering state which seed you wish to inoculate.



## Soy Beans

Sixty Lbs. a bushel. Plant 1 bushel per acre. They  
make poor land good—they make good land better.

Soy bean hay contains a high per cent of protein, is  
superior to cow-peas in feeding value and as a milk and  
butter producer is equal to alfalfa and superior to cotton  
seed meal. The beans and bean meal contain about 35 per  
cent of digestible protein and stock eat them with relish  
and thrive on them.

VIRGINIA

EARLY YELLOW

WILSON EARLY BLACK

MAMMOTH YELLOW

LAREDO

MANCHU

## SPECIAL

## FREE PREMIUM

See Inside Cover Page

**EXTRA PACKETS FREE!**

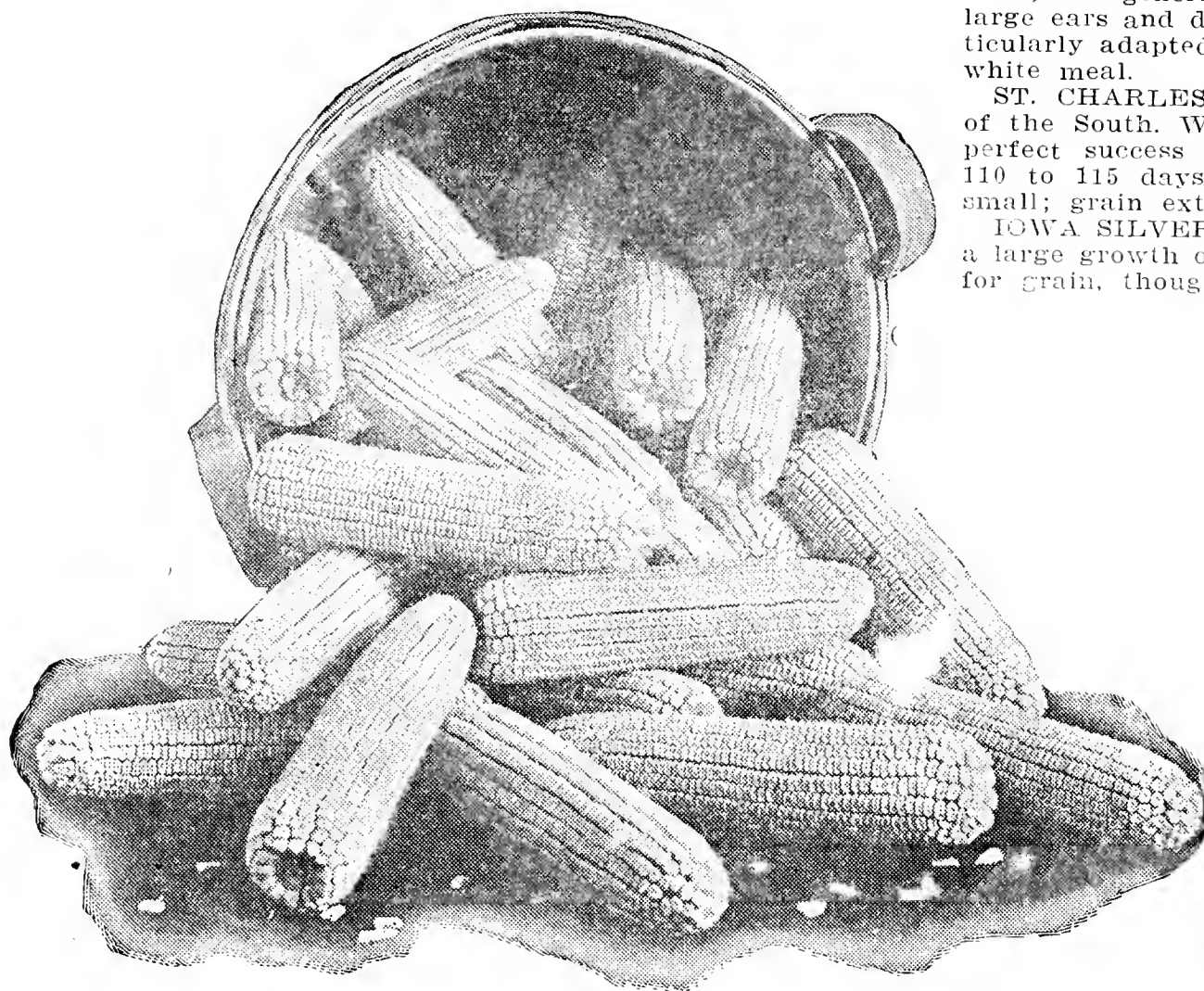


# SEED CORN

## Shelled Corn 56 Lbs. a Bushel.

### Ear Corn Shuck off 65 lbs. Ear Corn Shuck On 70 Lbs.

There is positively no comparison between our Seed Corn and the average Corn.  
Our Seed Corn is Nubbed, Tipped, Butted, Graded and Tested for Germination.



**BOONE COUNTY WHITE**—(The Old Reliable White Corn)—In general appearance this corn is pure white, large ears and deep, medium rough kernels. It is particularly adapted for milling purposes, making a fine white meal.

**ST. CHARLES WHITE**—The famous Ensilage Corn of the South. We have improved this type and have perfect success with it in this climate. Matures in 110 to 115 days. Pure white corn, red cob, medium small; grain extra deep, ear, transparent white.

**IOWA SILVER MINE**—Ninety-day Corn. It has not a large growth of fodder, having been bred essentially for grain, though it has plenty of blades to support the growth, and is as well-rooted as any corn grown.

**JOHNSON COUNTY WHITE DENT**—Tips fill well over the end and a large per cent of the ears are entirely covered with grains; the butts are well-rounded out, with a medium-sized shank; kernels very uniform, wedge-shaped; pure white cob.

**HICKORY KING**—This is an entirely distinct variety among the white corn, combining the largest grain with the smallest cob. It is a great yielder, giving more shelled corn to the acre bulk of ears than any other variety. The grain makes most excellent hominy.

**CHAPMAN'S PIONEER** — White Hybrid, 110 days. Long, smooth, large ears. Medium grain and one of the best feeding corns grown. It not milling corn.

**IMPROVED LEAMING**—Ninety-day Corn. Improved Leaming is medium early. The ears are large with very deep bright yellow kernels. The cob is small. The stalks grow to a medium height and often produce two large ears and make first-class fodder.

**REID'S YELLOW DENT**—Thoroughbred, pedigreed, carefully selected stock. It is of handsome shape and color and largely grown for exhibiting at fairs, and is used by many corn schools as a standard for judging, and is too well known to require lengthy description. Matures in about 115 days.

**IOWA GOLD MINE**—It is early ripening. The ears are of good size and shape and of a bright golden yellow color.

**GATE POST**—This is now one of the most prominent late varieties of Yellow Dent Corn in the country. It matures in about 115 days.

**IMPROVED GOLDEN BEAUTY**—The ears are of perfect shape, with straight rows of bright yellow grain, remarkable in size and filled out completely to the extreme end of the cob. Matures in 100 days.

## Hybrid Corn

In fair and impartial tests, crossed or Hybrid Corn has considerably outyielded standard sorts. Crossed Corn is hardy and vigorous, less susceptible to disease and early maturity insures hard, well ripened corn. We recommend a fair test of this strain.

## SEMESAN

Semesan is the only organic mercury disinfectant that can be used in **either liquid or dust form** for the treatment of a variety of fungus and bacterial diseases.

**SEMESAN**—For flowers and vegetable seeds.

**SEMESAN BEL**—For seed potatoes. Pound treats 16 to 22 bushels of seed.

**SEMESAN JR.**—For seed, field and sweet corn. Only two ounces necessary per bushel of seed field or sweet corns. Costs only 2½ cents an acre.

**CERESAN**—For seed grains. Only two ounces needed per bushel of seed wheat, rye, sorghums or millet and three ounces for oats and barley.

**STRAWBERRY CORN**—Extra large ear, grain red and white striped.

**BLOODY BUTCHER**—Very late. Grain red and yellow.

**SWEET CORN FOR FODDER**—It has the great merit of being so sweet and palatable that cattle eat every part of the stalks and leaves and consequently none is wasted.

**BRAZILIAN FLOUR CORN**—Withstands drought. By planting every month it will furnish green corn all the season.

**EUREKA SILAGE CORN**—One of the standard silage corns; good big stalks and ear.

**IMPROVED INDIAN SQUAW CORN**—The grains are a variety of colors, red, yellow, blue and white, which makes this corn a good looker on the cob or in the bin. Lb., 25c. Postpaid.

**SEMESAN**  
**MAKES SEEDS HEALTHY**

**Makes Seeds Healthy**

SEMESAN		SEMESAN JR.	
2 oz. tin	.....\$ .50	4 oz. tin	.....\$ .40
1 lb. tin	..... 2.75	1 lb. tin	..... 1.50
5 lb. tin	..... 13.00	5 lb. tin	..... 7.00
SEMESAN BEL		CERESAN	
4 oz. tin	.....\$ .50	1 lb. tin	.....\$ .75
1 lb. tin	..... 1.75	5 lb. tin	..... 3.00
5 lb. tin	..... 8.00	25 lb. pail	..... 12.50

Du Bay Seed Disinfectants are poisonous and under present postal regulations must be sent by express or freight.

**Write For Prices On  
SEED CORN**

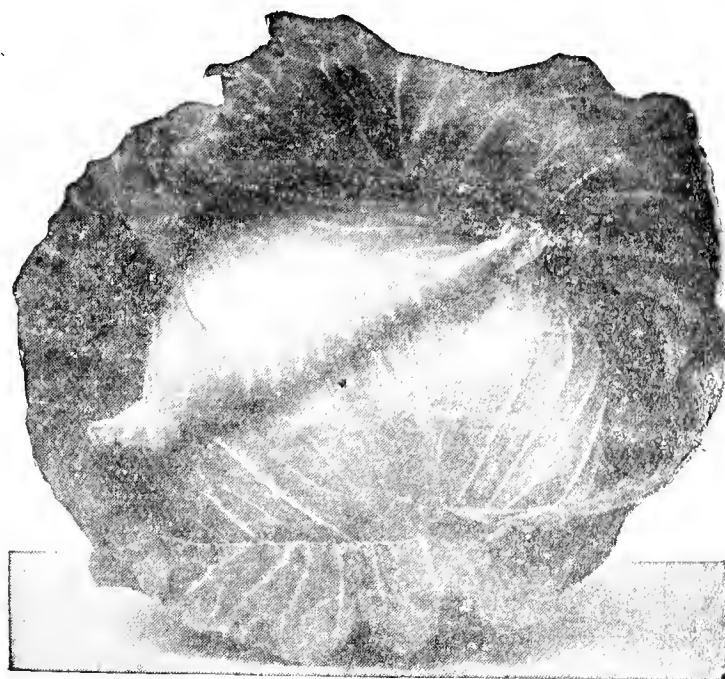
# 1933 VARIETIES OF SUPERIOR QUALITY

## CABBAGE

### *Golden Acre*

THE KING OF THE CABBAGE PATCH

THE NEW GOLDEN ACRE—A very fine new sort from Denmark. It is very uniform; almost every head could be cut at the same time. Wonderfully early, of the Copenhagen type, but much earlier than Copenhagen (fully 10 days earlier). This extra earliness assures higher prices for the market gardener—and a more tender, more crisp, and better flavored cabbage for the table. The head is of medium size, quite round, and is surrounded by a few small outer leaves. It is very firm and fully equal to any of the late sorts in this respect. On account of its hardiness it will stand in the field for a month or more without bursting and can be shipped long distances and arrive in excellent condition. Don't fail to give the new Golden Acre a trial. Pkt., 10c; 1 oz., 40c; ¼ lb., \$1.25. Postpaid.



GOLDEN ACRE

## BEETS

### *Early Wonder*

THE MARKET GARDENER'S FAVORITE

EARLY WONDER—We recommend this splendid variety to market gardeners who desire an extra early beet of more attractive appearance than Crosby's Egyptian. The roots are very uniform, nearly globe shaped, with small top and tap root; skin dark red; flesh deep blood red and of excellent quality. Wonder retains its deep color well when stored or canned, and is becoming deservedly popular with both home and market gardeners. Pkt., 5c; oz., 10c; ¼ lb., 25c. Postpaid.



EARLY WONDER

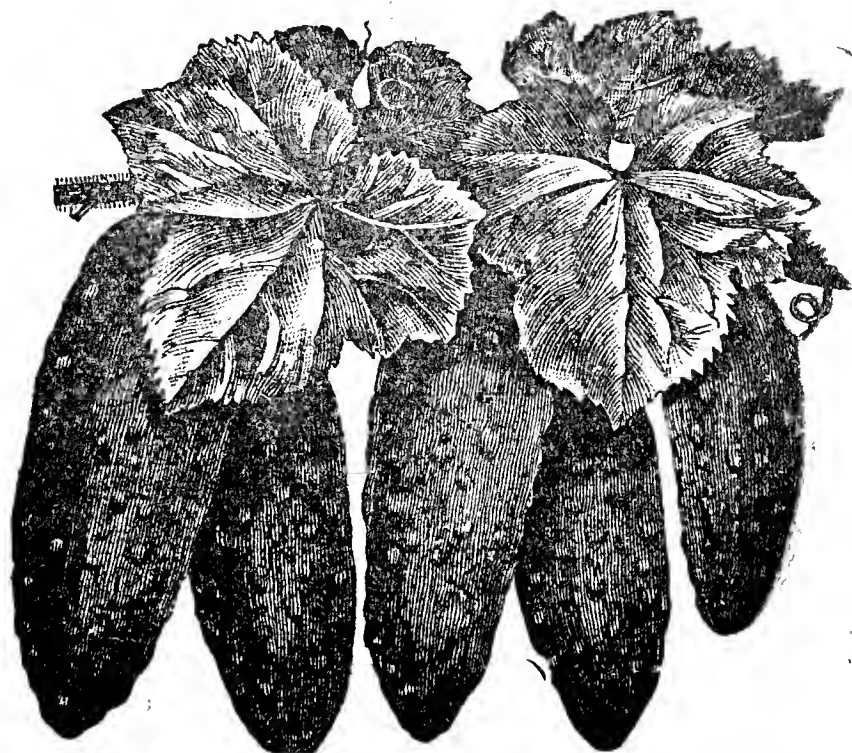
## CUCUMBER

### *Snow's Perfection*

SNOW'S PERFECTION—This very prolific and vigorous small Cucumber was developed by a large commercial pickle grower and combines the best qualities of all the small varieties of Cucumbers.

The type is shorter when ripe than the Chicago Pickle and is broad at the stem end, tapering slightly to the tip. The small pickles are dark green, cylindrical and square ended, average 4 to 5 inches in length when large enough for slicing, and are of excellent quality; but it is chiefly for producing medium-sizes pickles that this variety is so highly esteemed. If the fruits are gathered as soon as large enough, the vines will continue bearing through a long season. Pkt., 5c; oz., 10c.

THE BEST FOR A PICKLE  
SNOW'S PERFECTION





# Korean Lespedeza

*For Summer Pasture*

*For Quality Hay*

*For Building Soil*

*As a Drouth Resistant Legume*

Korean Lespedeza has won the distinction of being the best Summer Legume pasture for poor soil or for strong soil which so far has been introduced in this country.

Korean Lespedeza will stand heavy grazing from early Summer until killed by frost. We have no report so far that it bleats stock, is ideal in permanent pasture mixtures with Blue Grass, Orchard Grass or Red Top, Alsike and White Clover because Lespedeza furnishes abundant grazing during July, August, and September when other pastures and Clovers are dormant. The Lespedeza matures before smothering out the growth of the fall grasses.

This improved variety of Korean Lespedeza furnishes a guarantee hay crop. Drouths which kill out other Clovers and Grasses are resisted by Lespedeza; 90% of the Lespedeza sowed in 1932 made a stand while most other Clovers and Grasses failed completely on account of the drouth. Korean makes a soft leafy hay equal to Alfalfa or better in quality with no loss in feeding. It is especially valuable for young live stock, dairy cattle, or sheep. It yields well.

We advise seeding 15 to 20 lbs. per acre for a full crop the first year. Sow broadcast from March to May 15th. Sow either with or without a nurse crop. Do not cover with any tools. The advantage of a nurse crop is to choke down the weeds while the Lespedeza is young. The Lespedeza reseeds itself every year.

Many lots of seed direct from the thresher clean out 30 to 40 per cent therefore recleaned seed gives you much better results as seed direct from the huller contains a large quantity of chaff and weed seed and is always expensive.

# Winter Barley

*For Winter Pasture*

This is one of our very best Winter grain crops, has proven to be perfectly hardy in the Ozarks. The plant may be grown for pasture or grain, should be sown at the same time we sow Winter Wheat, or for pasture it may be sown earlier.

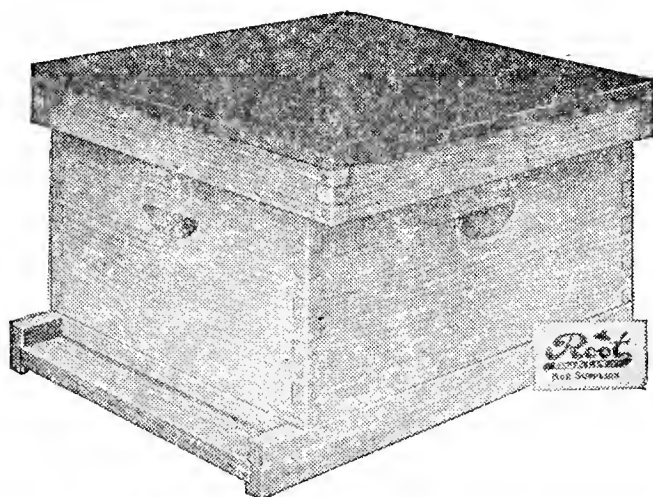
Sow to the acre 1 bushel of Barley and 10 lbs. each of Crimson Clover and Winter vetch. This combination makes a hay of excellent quality which is ready for harvest early in the Spring. As stated the plant makes a fine pasture and a heavy yield of grain which has a very high feeding value. A few acres at least of this fine Winter cover grain crop should be sown on every farm.

This fine crop of hay—Barley—Clover and Vetch can be harvested in ample time for planting and growing another crop on the same land.

It has been known that this Winter Barley yields as high as 65 bushel to acre in this country. You will find this Winter Barley not only more productive than the beardless barley but makes a better pasture.

As a green manure crop there is probably no better mixture both on account of the humus and its great ability to choke out weeds.

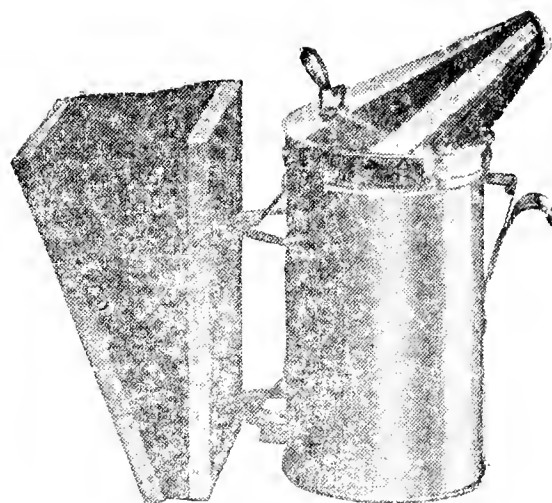
## BEE SUPPLIES



Ten-Frame Metal Covered Hive.

If you live in the suburbs, or on a farm, keep a few stands of bees; they will amply repay you for the little attention they require, and will often return you a splendid profit.

We handle a full line of the I. A. Root Co. Bee Supplies. The standard of the world. Write for our Bee Supply Catalog.



Standard Smoker

YOU WILL BE INTERESTED IN THIS NEW CATALOG BECAUSE YOU NATURALLY ARE INTERESTED IN MAKING YOUR BEEKEEPING PROFITABLE. IT OFFERS A COMPLETE LINE OF HIGH QUALITY SUPPLIES FOR PROFITABLE BEEKEEPING.

## FERTILIZERS

# VIGORO

*Specially prepared plant food*

See Back Cover

**ACID PHOSPHATE** (16% available)—Bone phosphate the most available form. Used on grain crops and others requiring an excessive amount of phosphoric acid. 1 lb., 15c; 12 lbs., \$1.00. Not prepaid.

**SULPHATE OF AMMONIA**—Used for its nitrogen. A very desirable fertilizer for all plants in which a large leaf development or rapid growth is desired. Use 1 lb. to 50 square feet of ground or bench, or a tablespoonful to a bushel of soil, or 3 gallons of water. 1 lb., 15c; 10 lbs., \$1.00. Not prepaid.

**HYDRATED LIME**—Hydrated lime used for top dressing on lawns and mixing soil for potting plants. 50 lbs. to cover 1000 square feet. 10-lb. bag, 30c; 50-lb bag, 70c. Not prepaid.

**NITRATE OF SODA**—Carries nothing but nitrogen (ammonia)—no phosphoric acid or potash. It is highly stimulating. On grass or other vegetation it is visible in a few days after application. 1 lb., 15c; 10 lbs., \$1.00; 50 lbs., \$3.00; 100 lbs., \$5.00. Not prepaid.

**PLANT PEP**—For House Plants. 60c pkg. Postpaid. By mail, add 1c per lb. plus 6c for postage. By express or freight at purchaser's expense.

**CYANOGEN—A DUST TO KILL ANTS, RATS, MICE, MOLES:**

½ pound tin .....	45c	5 pound tin .....	\$ 3.00
1 pound tin .....	75c	25 pound tin .....	10.00

(CANNOT BE SENT BY MAIL)

Cyanogas Foot Pump Duster, each.....\$5.00  
Cyanogas Hand Duster, each..... 1.40

(Postpaid)

**THANK YOU!**

Never before have American Farmers and Gardeners responded so well to the use of an Inoculator as shown by the tremendous sales increase of McQueen's. To show our appreciation and to permit still more farmers and gardeners to use McQueen's; prices are greatly reduced.

**LEADERSHIP**

Leadership, increased sales and lower production costs enables McQueen's to greatly reduce prices without sacrificing quality. McQueen's Inoculator is now sold at the lowest price in its history. The Guarantee protects you as it has for nearly a quarter century.

Every Farm and Garden Needs

**NEW 1933 ECONOMY PRICES**

<p><b>For SWEET CLOVER, ALFALFA, CLOVERS.</b> (State kind)</p> <table border="0"> <tr> <th>Size</th> <th>Inoculates</th> <th>Price</th> </tr> <tr> <td>½ Bu.</td> <td>30 Lbs.</td> <td>\$ .35</td> </tr> <tr> <td>1 "</td> <td>60 "</td> <td>.50</td> </tr> <tr> <td>2½ "</td> <td>150 "</td> <td>1.00</td> </tr> <tr> <td>5 "</td> <td>300 "</td> <td>1.50</td> </tr> </table> <p><b>GARDEN</b> Size for 5lb Peas, Beans, Sweet Peas <b>15c</b></p>	Size	Inoculates	Price	½ Bu.	30 Lbs.	\$ .35	1 "	60 "	.50	2½ "	150 "	1.00	5 "	300 "	1.50	<p><b>For SOY BEANS, COW PEAS, AUSTRIAN PEAS, LESPEDEZA, FIELD AND GARDEN BEANS, FIELD AND GARDEN PEAS, VETCH.</b> (State kind)</p> <table border="0"> <tr> <th>Size</th> <th>Inoculates</th> <th>Price</th> </tr> <tr> <td>1 Bu.</td> <td>60 Lbs.</td> <td>\$ .35</td> </tr> <tr> <td>2 "</td> <td>120 "</td> <td>.50</td> </tr> <tr> <td>5 "</td> <td>300 "</td> <td>1.00</td> </tr> <tr> <td>10 "</td> <td>600 "</td> <td>1.50</td> </tr> </table>	Size	Inoculates	Price	1 Bu.	60 Lbs.	\$ .35	2 "	120 "	.50	5 "	300 "	1.00	10 "	600 "	1.50
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**INOCULATE**

Alfalfa, Clovers, Soybeans, Lespedeza, Peas, Beans—legumes of all kinds—grow better, yield higher, and build up soil quickly, if inoculated with McQueen's Inoculator. You can do this for a few cents per acre. McQueen's is a high grade product used by farmers throughout the world for nearly a quarter century. It is the "Farmers Favorite". Inoculate all legume seed. We recommend McQueen's.

**IMPORTANT:**  
Always state seed to be inoculated.



# SPRAY MATERIALS AND DISINFECTANTS

We carry a general line of spray materials and agricultural chemicals.

**LIME SULPHUR** (Solution) — The best remedy for San Jose scale. One gallon makes 12. Also one of the best summer sprays as it is an excellent fungicide. When used in summer dilute with 20 to 30 parts water. Write for prices in barrel lots; also car lots.

**DRY LIME SULPHUR**—For dormant spray use 12 to 15 lbs. to each 50 gals. of water. For summer spray, 3 to 4 lbs. to each 50 gals. of water. Lb., 35c; 5 lbs., \$1.50.

**BORDEAUX MIXTURE** (Dry)—The best fungicide for curing and preventing black rot, mildew, blight, leaf curl, scab or other fungoid diseases on fruits and plants. 1 lb. will make 5 gals. liquid. Lb., 35c; 4 lbs., 80c.

**ARSENATE OF LEAD** (Dry)—For dusting and spraying. Solves the problem of controlling practically all leaf-eating insects in an efficient manner. 1 lb., 35c; 4 lbs., 60c.

**CYANOGAS**—Fumigant. ½ lb. size, 45c ea.; 1 lb., 75c; 5 lbs., \$3.00.

## CANNOT BE SENT BY MAIL

Prices Subject to Change Without Notice.

**HOFSTRA**—pkg., 15c; 2-oz. pkg., 35c; 5-oz. pkg., 60c.

**CARBON DISULPHIDE** — For ants and cut worms. 1 lb., 50c.

**FISH-OIL SOAP**—Standard wash for trees and plants where insects and eggs affect the bark. Lb., 30c; 5 lbs., \$1.25.

**FLOWERS OF SULPHUR**—Lb., 10c; 10 lbs., 75c; 50 lbs., \$2.00; 100 lbs., 3.00.

**NICO-FUME LIQUID**—For fumigating or spraying; contains 40% nicotine. ¼ lb., 60c; 1 lb., \$2.00; 4 lbs., \$6.25; 8 lbs., \$11.50.

**SURE NOXEM**—1-lb. carton, 25c.

**TOBACCO DUST** (Regular Grade)—5 lbs., 40c; 10 lbs., 65c; 100 lbs., \$4.00.

**TREE TANGLEFOOT**—Perfect safeguard for trees. Lb., 60c; 5 lbs., 2.75.

Write for our complete Insecticide list.

**PARIS GREEN**—A poisonous insecticide in powder form, for insects which chew. When applied as a powder, use 1 part Paris Green to 100 parts plaster or flour. As a liquid, 1 lb. of Paris Green in 150 to 300 gals. water; if used on fruit trees, add 1 lb. quick-lime. ¼ lb., 15c; ½ lb., 25c; 1 lb., 50c.

**SLUG SHOT** (Hammond's)—Guaranteed to destroy potato bugs and those on tomato and egg plants, currant worms, cabbage lice and worms. 1 lb., 25c; 5 lbs., 75c.

**BLACK LEAF 40**—Is a solution of nicotine sulphate. It is highly recommended by experiment stations throughout the United States as a spray for soft-bodied sucking insects. For spraying plants and for delousing poultry it has no equal. Full directions in every package.

1-oz. bottle, 35c; 5-oz. bottle, \$1.00 (makes 40 to 100 gals.); 1-lb. bottle, \$2.10; 2-lb. can, \$3.10 (makes 200 to 500 gals.); 5-lb. can, \$5.85; 10-lb. can, \$10.15; (makes 840 to 2100 gals.).

## SPRAY CALENDAR—WHEN TO SPRAY, WHAT TO USE

Insect or Disease.	Plant Attacked.	What to Spray With	First Spraying
Coddling Moth...	Apple, Pear.....	Asenate of Lead.....	Just before calyx cups close.
San Jose Scale...	Apple, Pear.....	Lime Sulphur.....	While trees are dormant.
Aphids .....	Roses and Plants...	Black Leaf 40.....	As soon as insects appear.
Cabbage Worms..	Cabbage .....	Arsenate of Lead or Sure Noxem....	When insects appear.
Scab .....	Apple and Pear....	Lime Sulphur.....	Just before blossoms open.
Potato Bugs.....	Potatoes .....	Sure Noxem and Arsenate of Lead...	When bugs appear.
Leaf Curl.....	Peach .....	Lime Sulphur Solution.....	While trees are dormant.
Mildew .....	Gooseberry .....	Potassium Sulphide.....	Just as buds burst.
Worms .....	Gooseberry .....	Sure Noxem .....	When worms appear.
Blotch .....	Apple .....	Bordeaux Mixture.....	Two weeks after petals fall.
Black Rot.....	Grapes .....	Bordeaux Mixture.....	When buds are ¼ inch long.
Brown Rot.....	Peach and Plum....	Dritonic Sulphur.....	Just before buds open.
Mildew .....	Roses and		
	Flowering Shrubs..	Potassium Sulphide.....	As soon as infection appears.
Melon and Cucumber Beetle.	Melons and	Tobacco Dust.....	As soon as plants come up.
Moles, Rats,	Cucumbers .....		
Chinch Bugs...		Cyanogas .....	
Insects .....	Shrubs and Plants...	Slug Shot.....	When insects appear.



### ACME ALL ROUND SPRAY

The latest improvement in the insecticide field; one product which will combat blight and fungous diseases, control sucking insects and destroy chewing insects in one application. Safe to use on almost all fruits, vegetables, flowers and shrubs. Write for descriptive circular.

Prices: ¼ lb., 35c; 1 lb., 85c.



### ACME GARDEN GUARD

A garden insecticide and fungicide for use as a dust. No water, no mixing, no muss.

For use on:

Cabbage, cauliflower, melon vines, tomato plants, currants and gooseberries and other vegetable, flowers and shrubs of many kinds.

Price: 1-lb. sifter carton, 25c.

## SHEPS PLANT' SPRAY



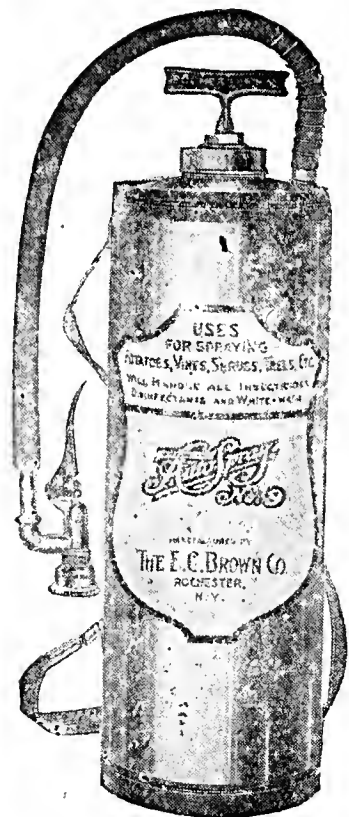
Try it. You will find it to be everything we claim for it. You run no risk in purchasing it, because it is absolutely non-poisonous to human beings, birds, animal or plants, but sure death to most insects. Use according to directions and you will see results in twenty-four hours or we will cheerfully refund your money.

PRICE:—Postpaid—

1-oz. bottle.....25c each  
2-oz. bottle.....40c each  
8-oz. bottle.....75c each  
16-oz. bottle.....\$1.25 each

WE ARE IN POSITION TO MAKE VERY ATTRACTIVE PRICES ON SPRAY MATERIAL TO ORCHARDISTS ON CAR LOTS OR SMALLER QUANTITIES. WRITE FOR PRICES.

## SPRAYERS AND DUSTERS



### AUTO SPRAY

The Standard  
for 20 years. 500,-  
000 in Use.

The Favorite  
With the  
Florists

Diameter  
7 inches

Height 2 feet

Capacity  
3 1/2 Gallons

Galvanized  
Tank with  
Auto top

Price \$4.50  
Add 25c

Postage

SPRAYING

TO BE

EFFECTIVE

MUST BE

WELL

DONE

It's Double Acting



The Same Spray With Half The Labor

### Auto Spray No. 5

A high pressure yet light and durable sprayer made entirely of brass. It is DOUBLE ACTING, producing a continuous spray, and will generate a pressure of 186 pounds per square inch. It operates with half the effort and must not be confused with sprayers of similar design which are single acting.

Price \$4.50 Each. Add 15c Postage.

### Auto Spray No. 26



A continuous Sprayer, having many superior mechanical features. The bowl can be detached by simply unscrewing it from the pump. This makes it ver yeasy to clean the tank and syphon tube.

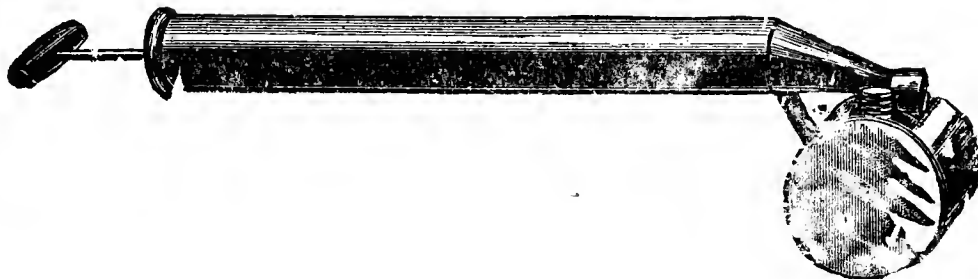
The entire Sprayer is very well made, and will last a lon gtiem.

Price 26-B—Tin Pump and Brass Tank.....\$1.50

26-C—Brass Pump and Brass Tank..... 2.00

(Postage, 15c extra)

### New Misty



The popular tin atomizer designed for insecticides, disinfectants. Especially useful for the small garden and the flower garden, or for house plants.

1 Pint size.....25c  
1 Quart size.....40c

(Postage, 15c extra)

### SPRAY OFTEN

Spraying is not expensive and will  
pay for itself several times over.

## BASKETS

Just what you want to ship  
out your beans, peas, toma-  
toes and other garden truck.

### Solid Handle Market

1/4-bu. size, packed 4 in bdl.  
1/2-bu. size, packed 4 in bld.  
Each .....10c  
1 doz. ....90c  
5 doz., per doz.....85c  
10 to 25 doz., per doz.....80c  
25 to 50 doz., per doz.....75c

F. O. B. Springfield.



### Consult Our

GENERAL SEED CATALOG  
BULB AND PLANT CATALOG  
BEEKEEPER'S CATALOG  
DOG FEED PAMPHLETS  
INOCULATION PAMPHLETS  
SEMESAN PAMPHLETS  
CHILI SUPPLY LISTS  
SPRAYING GUIDE

## SPRINGFIELD SEED COMPANY

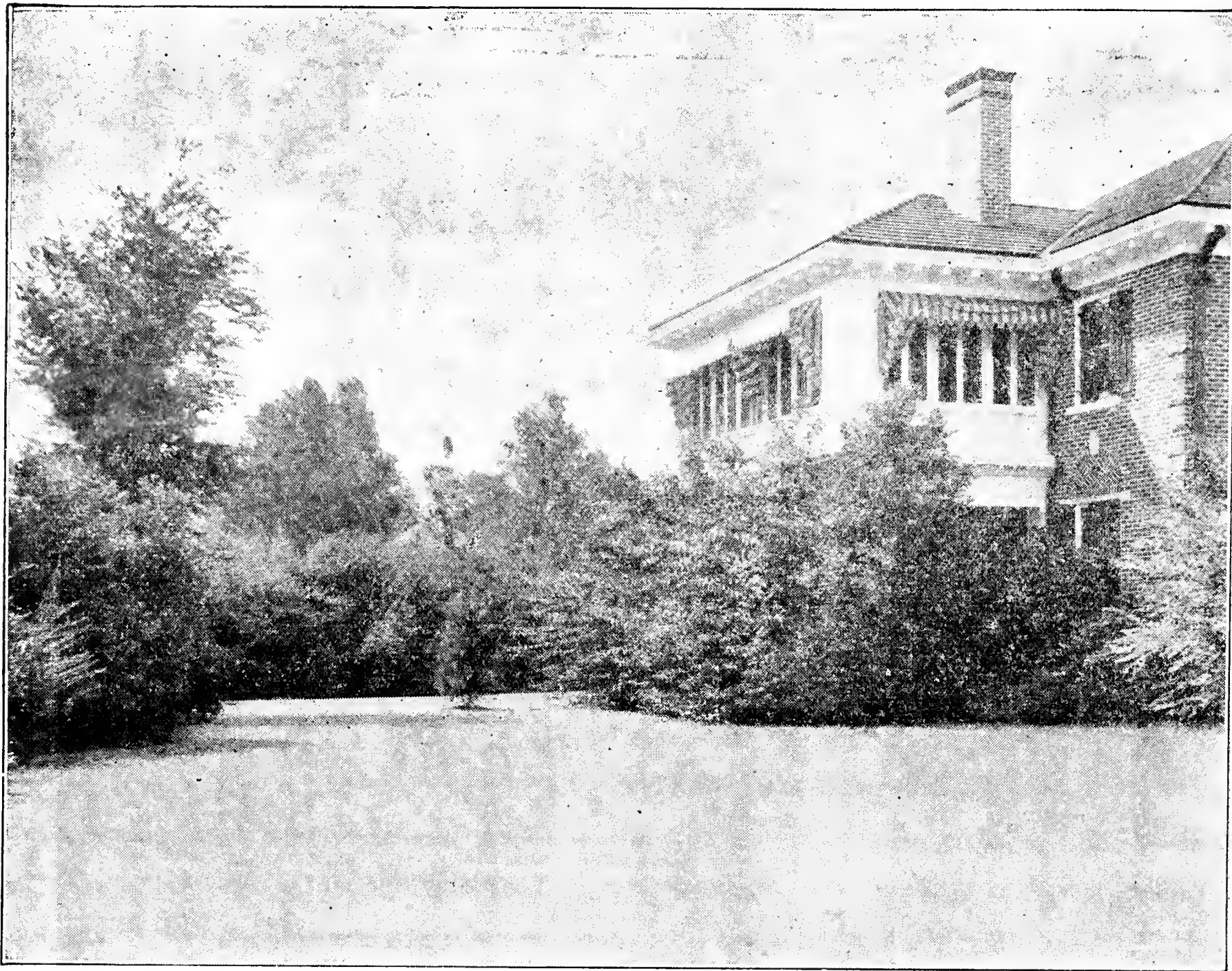
SPRINGFIELD, MISSOURI

WE HAVE A COMPLETE ASSORTMENT OF FLOWER SEEDS  
AND FIELD SEEDS. SEE PAGE 30.



## Make Your Home Grounds Beautiful

No residence, no matter how expensive, is really attractive unless the grounds and surroundings are equally beautiful. On the other hand the humblest dwelling can be made wonderfully homelike and attractive in the proper setting. The first essential is a neat, smooth, green turf. This can only be secured by the use of proper grass seed. Then the careful selection and proper placing of a few Hardy Perennials, Shrubs and Annual flower beds will complete the picture. You will find Hardy Perennials and Shrubs listed in this Catalog, pages 13 to 15.



## OUR SUPERIOR MIXED LAWN GRASS

### TO MAKE A LAWN

Remember when making a lawn that it is to last for years, and be an ornament to the home, so give plenty of time and care to preparation **before the seeds are sown**. Several weeks before sowing dig the soil deeply, break up the lumps, apply a lawn fertilizer such as **VIGORO** and rake the top soil; at intervals of ten days or two weeks rake the surface to destroy the weeds, and before sowing have the surface as fine as a rake will make it. Sow **half the seeds**, then sow the other half at right angles to the first sowing—This gives an even distribution. After sowing rake lightly so as not to cover the seeds too deep—covering with a roller is better—small seeds cannot germinate if planted too deep; an eighth of an inch is about right. Do not put stable manure on your lawn, as it adds to the many weeds already in the soil, and if not well broken up the lumps of manure will smother young grass.

Start the lawn as early as possible to give the grass a chance to become well established before the spring growth of weeds.

### LAWN GRASS MIXTURE REQUIRED:

For 150 sq. ft. (10x15 ft.)..... $\frac{1}{2}$  Lb.  
For 300 sq. ft. (10x30 ft.)..... 1 Lb.  
For 5000 sq. ft. (50x100 ft.).....16 or 17 Lbs.  
For 43560 sq. ft. (1 acre).....145 Lbs.

Use about one-half as much for renovating old lawns.

**SUPERIOR MIXED LAWN GRASS**—Lb., 30c; 5 lbs., \$1.35. Postpaid.

**KENTUCKY BLUE GRASS**—Per lb., 30c; 5 lbs., \$1.35. Postpaid.

**WHITE DUTCH CLOVER**—Per lb., 60c; 5 lbs., \$2.75. Postpaid.

**BERMUDA GRASS**—Per lb., 40c; 5 lbs., \$1.75. Postpaid.

**CREeping BENT GRASS**—Lb., \$1.25. Postpaid.

# VIGORO

*Specially prepared plant food*

PRICE		Not Prepaid
5-lb pkg.....	\$ .50	25-lb. bag ..... 1.50
10-lb. pkg.....	.85	50-lb. bag..... 2.50
		100-lb. bag.....\$4.00
		12-oz. carton, 20c each. Postpaid

VIGORO supplies just what is needed to produce a beautiful lawn, flowers, shrubbery and trees. It is a highly concentrated plant food, and must be applied according to instructions. Excessive applications, or too much applied in one spot, is not only wasteful but will "burn" the plants.

Dimensions of Ground	Rate of Application per 100 Square Feet	Amt. Necessary for One Application
20x 50 ft.	2 lbs. (equal 1 qt.)	25 lbs.
20x 50 ft.	4 lbs. (equal 2 qts.)	50 lbs.
50x100 ft.	2 lbs. (equal 1 qt.)	100 lbs.
50x100 ft.	4 lbs. (equal 2 qts.)	200 lbs.

Full directions for applying Vigoro are contained in the Home Beautiful booklet, a copy of which is enclosed in every bag of Vigoro. This booklet also gives valuable information on making a lawn, growing shrubbery, flowers, vegetables and trees.

## GARDEN POTTERY

### Combination

### Fountain and Bird Bath

37 in. High, 20 in. Bird Bath	
Decorated Green or Brown, each.....	\$26.67
Fountain only .....	8.00
Complete. Ready to Play. State Color.	
Not Prepaid.	
26-in. High with Ornamental, 18-in. Bath. Fine design.	
Hard Burned Pottery (Not Cement). Light Stone	
Color — Stone Finish	
Special Price .....	\$5.00
Not Prepaid.	

## Vases, Fountains,

## Gazing Globes

### FLOWER POTS

Measure Across Top.

Pots Only.

Size	Each	Doz.
2½ in. ....	\$0.03	\$0.25
3 in. ....	.04	.35
4 in. ....	.05	.50
5 in. ....	.10	.75
6 in. ....	.15	1.25
7 in. ....	.20	2.00
8 in. ....	.30	2.75
9 in. ....	.40	4.00
10 in. ....	.60	6.00
12 in. ....	1.00	10.00
Saucers ½ price of pots		



Shipment by freight or express at purchaser's expense.  
If pots are to be shipped freight or express add 10% extra for packing charge.

**See Special Offer**  
**Page 1.**

### IMPROVED CHAMPION ADJUSTABLE

#### LEG BANDS

Made of aluminum. Doz. 15c; 25 for 25c; 50 for 40c; 100 for 75c. Postpaid.

If numbers are desired in rotation, 25 or more bands must be ordered.

SPIROL LEG BANDS—Celluloid. Will not fade. Colors: Black, white, dark blue, pink, light blue, red, green, yellow, purple. Prices: Doz. 15c; 25 for 25c; 50 for 40c; 100 for 75c. Postpaid.

### WIRE HANGING BASKETS

#### For Ferns

	Each
8-inch diameter .....	20c
10-inch diameter .....	30c
12-inch diameter .....	40c
14-inch diameter .....	50c

Add 10c each for postage.

Moss for the above baskets 25c. lb. Postpaid.

It takes 1 to 1½ lbs. per basket.

### TREE LABELS—Painted.

	Per 1000
3½x½ inches, copper wired .....	\$2.35

### POT OR GARDEN LABELS

Wooden—	Painted	
	100	1,000
4-inch .....	\$0.40	\$1.95
5-inch .....	.45	2.20
6-inch .....	.50	2.50
8-inch .....	.75	6.50
10-inch .....	1.00	7.50
Postpaid		

## BIRD SEEDS, Etc.

	Lb.
Mixed Bird Seed .....	\$0.20
Hemp Seed .....	.20
Canary .....	.20
Bird Millet (re-cleaned) .....	.15
Sunflower Seed for Parrots .....	.15
Cuttle Fish Bone, 2 for 5c.....	.40
Bird Lettuce, oz., 15c. ....	1.50
Bird Pepper Grass, oz., 10c .....	1.00
	Pkg.
Bird Charcoal .....	\$0.10
Bird Biscuit (Sing Song) .....	.20
Spratt's Song Restorer .....	.30
Bird Gravel .....	.25

Postpaid.

## PERFECTION DOG FOOD

Is a well-balanced ration, consisting of Corn Flakes, Cream of Wheat, Grape-nuts and other cereal foods—combined with Clean Dried MEATS, not scraps or waste.

The cooked, Prepared, and Balanced Meat-Cereal Food for Your HUNTING Dog—For Dogs of All Breeds—Puppies of All Ages.

It's not only a Food—It's also a "Tonic" and will prevent Skin Disease. It gives your Dog the "HUNTING SPIRIT"—FULL OF PEP".



### HOW TO FEED PERFECT- TION DOG FOOD

The amount of food for one meal depends on the size of the dog. For Bird Dog, Pointer or Setter, feed 5 to 6 ounces at a meal. Larger or smaller dogs in proportion. Moisten the food with milk or beef broth—if not available, water can be used. And then "Watch Him Hunt!"

5-lb. bag .....	\$ .50
10-lb. bag .....	1.00

All shipping charges prepaid.

100-lb. bag .....	\$5.00 F.O.B. Our Store
50-lb. bag .....	\$2.75 F.O.B. Our Store
25-lb. bag .....	\$1.50 F.O.B. Our Store

PARAMOUNT DOG FOOD—In 1-lb. cans—A 64% Beef Meat Food. Per can, 10c; Per Doz. Cans, \$1.00; Case of 4 Doz. cans, \$3.07, F.O.F. Our Store.

SPECIAL OFFER—For \$1.00—Mail us a \$1.00 bill and we will ship prepaid a 10-lb. sack of Perfection and a 1-lb. can of Paramount Dog Food for a try out for \$1.00.

PERFECTION COLIVEROL—Cod Liver Oil in powdered form. Easy to mix with food. 1-lb. can, 75c, postpaid.



# OUR COMPLETE LINE OF STANDARD GARDEN SEED

## Can be Ordered in Packets or Bulk

WRITE FOR PRICES IN LARGE QUANTITIES

	Pkt. LB		Pkt. Oz.		Postpaid	Pkt. Oz.			
	Postpaid		Postpaid						
<b>BUSH BEANS—Green Pod</b>									
Full Measure	.10	.15	Kendals Early Giant	.10	.25	Snow's Perfection	.05	.10	
Bountiful	.10	.25	Early Evergreen	.10	.25	<b>EGG PLANT.</b>			
Red Kidney	.10	.25	<b>POP CORN.</b>				New York Improved	.10	.50
Giant (Stringless)	.10	.25	White Rice, No. 1 bulk	.10		Black Beauty	.10	.50	
Burpee's Stringless	.10	.25	Japanese Hulless	.10		<b>ENDIVE.</b>			
Knife Blade	.10	.25	Dynamite, S. American	.10		Green Curled Mammoth	.05	.15	
Early Yellow Six Weeks	.10	.25	<b>ASPARAGUS.</b>				Ever-White Mammoth	.05	.15
Refugee	.10	.25	Mary Washington	.10	.15	<b>KALE.</b>			
Refugee Stringless	.10	.25	Palmetto	.05	.10	Dwarf Green Curled Siberian	.05	.15	
Imp. Red Valentine	.10	.25	<b>BEETS.</b>				Dwarf Curled Scotch	.05	.15
Tennessee Green Pod	.10	.25	Banquet Table	.05	.10	<b>KOHL RABI.</b>			
Dwarf Horticulture	.10	.25	Egyptian Early Blood Turnip	.05	.10	White Vienna	.05	.25	
Henderson's Bush Lima	.10	.30	Eclipse	.05	.10	Early Purple Vienna	.05	.25	
Burpee's Bush Lima	.10	.30	Edmund's Blood Turnip	.05	.10	Early White Erfurt	.05	.25	
Fordhook Bush Lima	.15	.40	Detroit Dark Red Turnip	.05	.10	<b>LEEK.</b>			
<b>WAX BEANS—Bunch.</b>							London Flag	.05	.20
Dwarf Golden Wax	.10	.25	Improved Early Blood Turnip	.05	.10	<b>LETTUCE.</b>			
German Black Wax	.10	.25	Long Smooth Blood Red	.05	.10	Grand Rapids Forcing	.05	.10	
Pencil Pod Wax	.10	.25	Swiss Chard Lucullus	.05	.10	Denver Market	.05	.10	
Challenge Black Wax	.10	.25	Early Wonder	.05	.10	Black Seeded Simpson	.05	.10	
Currie's Rust Proof Wax	.10	.25	Fire Ball	.05	.10	Early Curled Simpson	.05	.10	
Davis Kidney Wax	.10	.25	<b>MANGEL WURZEL.</b>				Hanson Improved, head	.05	.10
Round Pod Kidney Wax	.10	.25	Mammoth Long Red	.05	.10	Prize Head	.05	.10	
Wardwell's Kidney Wax	.10	.25	Norbiton's Giant	.05	.10	Big Boston, head	.05	.10	
Kentucky Wonder Wax	.10	.25	Golden Tankard	.05	.10	White Summer Cabbage,			
<b>BEANS—Pole or Running.</b>							head	.05	.10
White Cornfield	.10	.25	Champion Yellow Globe	.05	.10	Philadelphia Butter	.05	.10	
White Creaseback	.10	.25	Red Globe	.05	.10	All Seasons	.05	.10	
Striped Creaseback	.10	.25	Improved White Sugar	.05	.10	Early Curled Silesia	.05	.10	
Kentucky Wonder	.10	.25	<b>BRUSSELS SPROUTS.</b>				New York Wonderful	.10	.15
Kentucky Cut Short	.10	.25	Hercules	.10	.25	Iceberg	.05	.10	
Horticultural Pole	.10	.25	<b>BROCCOLI.</b>				Paris White Cos	.05	.10
Lazy Wife	.10	.25	Mammoth White	.10	.45	May King	.05	.10	
Dutch Case Knife	.10	.25	<b>CABBAGE</b>				Wayahead	.05	.10
Large White Lima	.10	.30	Yellow Resistant	.10	.40	California Cream Butter	.05	.10	
King of the Garden	.10	.30	Golden Acre	.10	.40	<b>MUSKMELON.</b>			
Sieva Lima	.10	.30	Chinese Cabbage, Pe-Tsai	.10	.30	Acme, or Baltimore	.05	.10	
Speckled Lima	.10	.30	Copenhagen	.10	.20	Chicago Market	.05	.10	
Missouri Wonder	.10	.25	Extra Early Jers. Wakefield	.10	.20	Extra Early Nutmeg	.05	.10	
White Kentucky Wonder	.10	.25	Charleston, or Large Wake-			Jenny Lind	.05	.10	
Navy	.10	.25	field	.10	.20	Golden Netted Gem	.05	.10	
<b>PEAS—Wrinkled Sorts Mar.</b>							Hackensack, early	.05	.10
Alaska, 2 foot	.10	.25	Early Drumhead, Flat	.10	.20	Extra Early Hackensack	.05	.10	
Dwarf Tom Thumb, 12-inch	.10	.25	Early Winningstadt, pointed	.10	.20	Large Green Nutmeg	.05	.10	
First and Best, 2-foot	.10	.25	Henderson's Early Summer			Long Yellow Cantaloupe	.05	.10	
Philadelphia Extra Early	.10	.25	flat	.10	.20	Champion Market	.05	.10	
*Bliss American Wonder	.10	.25	All Seasons	.10	.20	Rocky Ford	.05	.10	
*Little Germ, 18-inch	.10	.25	Sure Head, flat	.10	.20	Banana	.05	.10	
*Delicatessen Dinner, 2-foot	.10	.25	Henderson's Succession, flat.	.10	.20	Honey Dew	.10	.15	
*Nott's Excelsior, 15-inch	.10	.25	Early Dwarf Flat Dutch	.10	.20	Salmon Tinted Pollock	.05	.10	
*Horsford's Market Garden	.10	.25	<b>CABBAGE—Late Sorts.</b>				Hearts of Gold	.10	.15
*Strategem, 3-foot	.10	.25	Premium Late Flat Dutch			Montreal Market	.05	.10	
*Telephone, 4-foot	.10	.25	flat	.10	.20	Osage	.05	.10	
*Champion of England, 5-ft.	.10	.25	Drumhead Savoy, flat head	.10	.20	Tip Top	.05	.10	
*Bliss Everbearing, 2-foot	.10	.25	Danish Ball Head	.10	.30	Hales Best	.05	.10	
Large White Marrowfat, 5-ft.	.10	.25	Red Rock	.10	.35	Honey Ball	.10	.20	
Black Eyed Marrowfat, 5-ft.	.10	.25	Red Dutch	.10	.35	<b>WATERMELON</b>			
*Gradus, 3-foot	.10	.25	<b>CAULIFLOWER.</b>				Sweetheart	.05	.10
*Thomas Laxton, 3 foot	.10	.25	Extra Small Leaved Erfurt.	.25		Long Dixie	.05	.10	
*Laxton's Progress, 18-inch	.10	.25	Early Snowball, true	.15		Wonderful Sugar	.05	.10	
*Little Marvel, 18-inch	.10	.25	<b>CARROTS</b>				Cuban Queen	.05	.10
*Potlatch, 3-foot	.10	.25	Chantenay	.05	.10	Georgia Rattlesnake	.05	.10	
*Yorkshire Hero, 2½-foot	.10	.25	Extra Early French Forcing	.05	.10	Kolb's Gem	.05	.10	
*Laxtonian, 20-inch	.10	.30	Ox Heart	.05	.10	Mountain Sweet	.05	.10	
Dwarf Grey Sugar (Edible			Danvers	.05	.10	Peerless, or Ice Cream	.05	.10	
Pod)	.10	.30	Long Orange Improved	.05	.10	Florida Favorite	.05	.10	
Tall Melting Sugar (Edible			New Coreless	.05	.10	Special Kleckley Sweet	.10	.15	
Pod)	.10	.30	<b>CELERY.</b>				Kleckley's Sweet	.05	.15
<b>SWEET CORN—Northern Grown.</b>							Alabama Sweet	.05	.10
Early Minnesota, early dwarf	.10	.25	Giant Pascal	.05	.25	Halbert's Honey	.05	.10	
Sweet or Sugar, early	.10	.25	Golden Self Bleaching, true	.10	.40	Special Halberts	.10	.15	
Crosby's Early	.10	.25	White Plume	.05	.25	Tom Watson	.05	.10	
Early Mammoth, 2nd early	.10	.25	Dwarf Golden Plume	.10	.40	Special Tom Watson	.10	.15	
Adams Early	.10	.25	Celery for Flavoring	.10		Special Irish Gray	.10	.15	
Adams Ex. Early, earliest	.10	.25	<b>CELERIAC.</b>				New Wonder	.05	.10
Adams Ex. Early, earliest	.10	.25	Turnip Rooted	.10	.25	Stone Mountain	.10	.15	
Golden Bantam	.10	.25	<b>COLLARDS.</b>				Golden Honey (Yellow)	.05	.10
Country Gentleman, Shoe Peg	.10	.25	Georgia	.05	.15	Angel Kiss	.05	.10	
Late Mammoth, large	.10	.25	<b>CORN SALAD.</b>				Winter Melon	.05	.10
Egyptian, large	.10	.25	Large Leaved	.05	.15	Citron	.05	.10	
Stowell's Evergreen, surest	.10	.25	<b>CUCUMBER.</b>				<b>ONION.</b>		
Black Mexican	.10	.25	Evergreen White Spine	.05	.10	Large Red Wethersfield	.10	.20	
Golden Sunshine	.10	.30	Improved Long Green	.05	.10	Southport Red Globe	.10	.20	
Howling Mob	.10	.25	Westerfield's Chicago Pickle	.05	.10	Southport White Globe	.10	.20	
Golden Giant	.10	.25	Early Cluster	.05	.10	Yellow Danvers, flat	.10	.20	
Shaker Early	.10	.25	Early Frame	.05	.10	Danvers Yellow Globe	.10	.20	
Golden Evergreen	.10	.25	Boston Pickling	.05	.10	Prize Taker, or Spanish			
			Early Fortune	.05	.10	King	.10	.20	
			Japanese Climbing	.05	.15				
			Gherkin	.05	.20				
			Davis Perfect	.05	.10				
			White Wonder	.05	.10				

# OUR COMPLETE LINE OF STANDARD GARDEN SEED

## Can be Ordered in Packets or Bulk

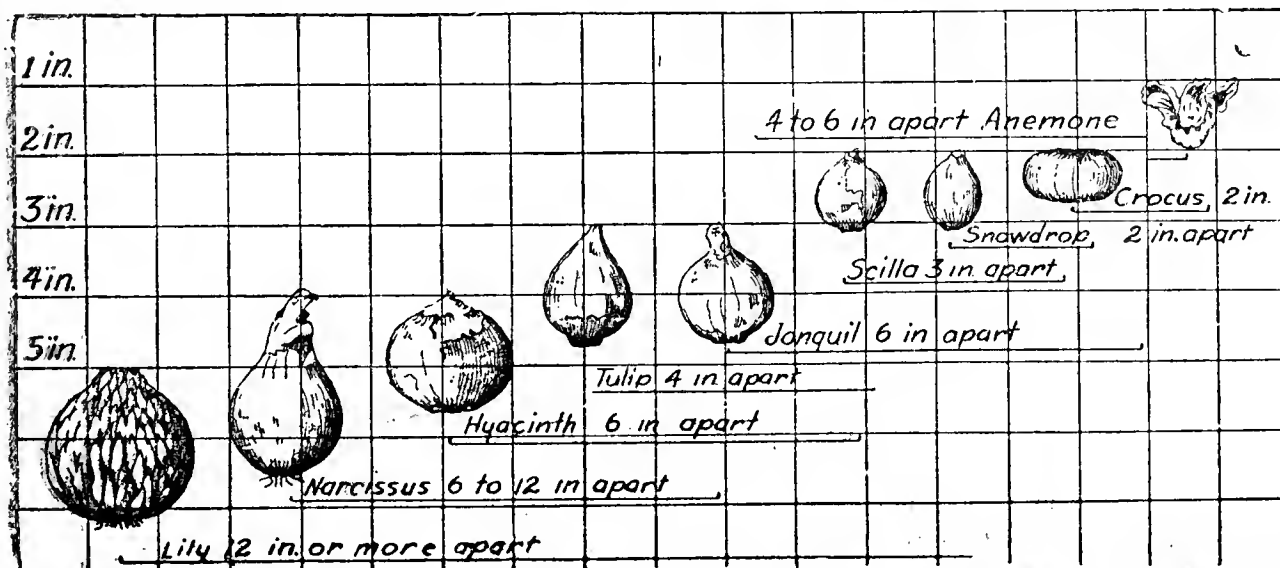
WRITE FOR PRICES IN LARGE QUANTITIES

	Postpaid Pkt. Oz.		Postpaid Pkt. Oz.		Postpaid Pkt. Oz.
White Portugal, or Silver Skin .....	.10 .20	St. Louis Summer .....	.05 .10	Sparks Earliana .....	.10 .40
Yellow Bermuda .....	.10 .30	French Breakfast .....	.05 .10	Crimson Cushion .....	.10 .50
Crystal White Wax .....	.10 .35	Long Scarlet Short Top .....	.05 .10	Ponderosa .....	.10 .50
Sweet Spanish .....	.10 .20	White Strassburg .....	.05 .10	Yellow Ponderosa .....	.10 .50
Denia, (Imp. Prize Taker) ..	.10 .20	Icele .....	.05 .10	Dwarf Ponderosa .....	.10 .50
<b>MUSTARD.</b>		White Vienna, or Lady Finger .....	.05 .10	Bonny Best .....	.10 .40
Ostrich Plume .....	.05 .10	Chartier Improved .....	.05 .10	June Pink .....	.10 .40
Black or Brown .....	.05 .10	Round Black Spanish .....	.05 .10	Chalk's Early Jewel .....	.10 .40
White .....	.05 .10	California White Winter .....	.05 .10	Marglobe Certified .....	.10 .50
Chinese Curled .....	.05 .10	China Rose Winter .....	.05 .10	Marglobe .....	.10 .40
Giant Southern Curled .....	.05 .10	Sparkler, (White Tip) .....	.05 .10	Golden Queen, (yellow) .....	.10 .50
<b>OKRA, OR GUMBO.</b>		<b>SALSIFY.</b>		Beefsteak .....	.10 .50
Long Green .....	.05 .10	Mammoth Sandwich Island ..	.10 .25	Gulf State Market .....	.10 .40
White Velvet .....	.05 .10	<b>SPINACH.</b>		Red Head .....	.10 .40
Mammoth Pod .....	.05 .10	Bloomsdale Savoy Leaved ..	.05 .10	Norton Wilt Resistant .....	.10 .40
<b>PARSLEY.</b>		Round Thick Leaf .....	.05 .10	Oxheart .....	.10 .50
Moss Curly, very fine .....	.05 .15	All Season .....	.05 .10	Break O' Day .....	.10 .50
Triple Curled .....	.05 .15	New Zealand .....	.05 .10	Pear Shaped Red .....	.10 .40
<b>PARSNIP.</b>		<b>SQUASH.</b>		Pear Shaped Yellow .....	.10 .40
Hollow Crown .....	.05 .15	Yellow Bush .....	.05 .10	Strawberry or Husk .....	.10 .40
Long Smooth .....	.05 .15	White Bush Mammoth .....	.05 .10	Yellow Plum .....	.10 .40
White Dutch .....	.05 .15	Gaint Summer Crookneck ..	.05 .10	<b>TURNIP.</b>	
<b>PEPPER.</b>		Winter Crookneck .....	.05 .10	Ex. Early Purple Top Milan ..	.05 .15
Chinese Giant .....	.10 .50	Hubbard .....	.05 .10	Ex. Early White Top Milan ..	.05 .15
Pimento .....	.10 .40	Golden Hubbard .....	.05 .10	Early White Flat Dutch .....	.05 .10
Large Bell, or Bull Nose ..	.10 .45	Chicago Warty Hubbard .....	.05 .10	Purple Top Strap Leaf .....	.05 .10
Cayenne, Long Red .....	.10 .45	Mammoth Hubbard .....	.05 .10	Purple Top White Globe .....	.05 .10
Cayenne, small .....	.10 .45	Delicious .....	.05 .10	Snow Ball .....	.05 .10
Golden Queen .....	.10 .50	Ford Hook, Veg. Marrow ..	.05 .10	Pomeranian White Globe .....	.05 .10
Sweet Mountain .....	.10 .35	Sweet Potato .....	.10 .20	White Egg .....	.05 .10
Ruby King .....	.10 .45	Banana .....		Amber Globe .....	.05 .10
California Wonder .....	.10 .50	<b>TOBACCO.</b>		Cowhorn .....	.05 .10
Red Chile .....	.10 .45	Yellow Pryor .....	.10 .50	Yellow Globe .....	.05 .10
<b>PUMPKIN.</b>		Red Burley .....	.10 .50	Seven Top .....	.05 .10
Common Field, stock .....	.05 .20	Missouri Broad Leaf .....	.10 .50	Shogoin Louse Resistant .....	.05 .10
Kentucky Field, stock .....	.05 .20	Big Havana .....	.10 .50	<b>RUTABAGA, OR SWEDISH TURNIP</b>	
Large Cheese, all purpose ..	.05 .20	One Sucker .....	.10 .50	American Purple Top .....	.05 .10
Tennessee Sweet, for pies ..	.05 .30	Judy's Pride .....	.20 1.00	White Russian .....	.05 .10
Japanese Pie, for pies .....	.05 .30	<b>TOMATO.</b>		<b>SWEET PEAS.</b>	
Jonathan, for pies .....	.05 .30	(High Class Tested Stock for Canners)		Choice Mixed .....	.05 .10
Small Sugar, for pies .....	.05 .30	New Stone .....	.10 .25	Spencer Mixed .....	.10 .20
King of Mammoth, for pies ..	.05 .30	Greater Baltimore .....	.10 .25	<b>NASTURTIUMS.</b>	
White Cushaw, for pies .....	.05 .30	Matchless .....	.10 .25	Tall Mixed .....	.10 .20
Striped Cushaw, for pies .....	.05 .30	Red Rock .....	.10 .25	Dwarf Mixed .....	.10 .10
<b>RHUBARB.</b>		John Baer .....	.10 .25	Castor Beans, Flowering .....	.10 .20
Victoria .....	.10 .15	Dwarf Stone .....	.10 .40	<b>HERBS.</b>	
Linnaeus .....	.10 .15	Acme .....	.10 .40	Basil Sweet .....	.10
<b>RADISH—French Grown Seed.</b>		Livingston's Beauty .....	.10 .25	Caraway .....	.10
Vick's Scarlet Globe .....	.05 .10	Livingston's Globe .....	.10 .40	Dill .....	.10
Crimson Giant Forcing .....	.05 .15	Livingston's Perfection .....	.10 .25	Fennel .....	.10
Early Scarlet White Tipped ..	.05 .10	Dwarf Champion .....	.10 .40	Sage .....	.10
Early Scarlet Turnip .....	.05 .10			Summer Savory .....	.10
				Sweet Marjoram .....	.10
				Sweet Thyme .....	.10

# Bulbs For Fall Planting

## AUTUMN 1933

DIAGRAM SHOWING DEPTH TO PLANT OUTDOORS



Bulbs indoors do not require such deep planting as indicated in the diagram, being no danger from freezing and thawing to guard against.

Since 1896 Springfield Seed Co's. Bulbs for Fall Planting are known for their High Standard of Quality. Free Delivery by mail—All bulbs offered in our list will be delivered to your doorstep anywhere in the United States by parcel post, Pre-paid, at prices mentioned in this catalog.



# NURSERY STOCK

We offer an assortment of improved varieties, carefully selected for their special merits. You will find it a convenience to send your Tree and Shrub order with your Seed order, and you may be assured it will have our careful and prompt attention. Nursery Stock not prepaid.

Trees larger than 3 to 4 feet cannot be sent by mail. If trees up to 4 feet are wanted by mail, add 10c each for postage.

## Apple Trees

Two Years.

	Ea.	10
Extra size, about 4 to 5 feet .....	\$0.65	\$6.00
Standard size, about 3 to 4 feet .....	.50	4.50

### Apple Varieties.

Early Harvest	Grimes Golden
Maiden Blush	Jonathan
Black Ben Davis	Stayman Winesap
Delicious	Winesap
York Imperial	

## Peach Trees

	Ea.	10
Extra size, about 4 to 5 feet .....	\$0.50	\$4.50
Standard size, about 3 to 4 feet .....	.40	3.50

### Peach Varieties

Greensboro	J. H. Hale
Carman	Elberta
Champion	Heath Cling
Beale of Georgia	

## Cherry Trees

One Year

	Ea.	10
EX size, about 3½ to 4½ feet .....	\$0.75	\$7.00

### Varieties of Cherry

Early Richmond	Montmorency
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## Pear Trees

Two Years

	Ea.	10
X size, about 3½ to 5 feet .....	\$0.65	\$6.00

### Varieties of Pear

Kieffer	Garber
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## Plum Trees

	Ea.	10
Extra size, about 4 to 5 feet .....	\$0.65	\$6.00

### Varieties of Plum

Abundance	American
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Blue Damson

## Strawberries

	Per 100	Per 1,000
Aroma	\$0.75	\$ 5.00
Progressive (Everbearing)	1.50	10.00
Not less than 25 of variety sold.		

## Blackberries

Early Harvest. In lots of not less than 25:		
Per 25	\$0.75	
Per 100	2.25	

## Gooseberries

Houghton. One year.

Each	\$0.20
Per 10	1.50

## Grapes

Two-Year-Old Vines

	Ea.	10
Moore's Early	\$0.20	\$1.50
Concord	.20	1.50
Worden	.20	1.50
Niagara White	.25	2.00
Agawan Red	.25	2.00

# SHADE TREES—NOT BY MAIL

CATALPA UMBRELLA (Catalpa Bungei)—Forms a dense round head. Much used for formal landscaping, 5 to 6 feet. **One-year Heads, \$2.50 Each; 2 for \$4.00.**

ELM, American White:

6 to 8 feet	\$1.00 each
8 to 10 feet	1.50 each

MAPLE, Soft, White or Silver:

5 to 6 feet	.50 Each
6 to 8 feet	.70 each
8 to 10 feet	1.00 each

MAPLE, Sugar (Hard or Rock Maple):

8 to 10 feet	\$1.50 each
1½ to 1½ in. caliper	2.00 each
1½ to 2 in. caliper	2.50 each
2 to 2½ in. caliper	3.50 each
2½ to 3 in. caliper	5.00 each

POPLAR, Balleana—Of Pyramidal habit, similar to Lombardy; leaves glossy green, silvery beneath.

5 to 6 feet	\$1.00 each
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POPLAR, Lombardy—Tall pyramidal habit:

5 to 6 feet	.40 each
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POPLAR, Norway—Similar to Carolina:

6 to 8 feet	.50 each
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8 to 10 feet	\$1.00 each
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POPLAR, Silver Leaf—Leaves silvery beneath:

5 to 6 feet	.50 each
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TULIP TREE—Greenish-yellow tulip like flowers:

4 to 6 feet	.75 each
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6 to 8 feet	1.00 each
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WILLOW, Babylonian Weeping:

6 to 8 feet	.70 each
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8 to 10 feet	1.25 each
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**"43" Will Save That Tree, lb. can (pint) 60c Ea., Postpaid**



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EVER GREEN is the modern method of insect control. It kills both chewing and sucking types of insects, including Japanese beetle

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1 Oz. bottles	\$ .35
6 Oz. bottles	1.00
16 Oz. bottles	2.00
32 Oz. cans	3.50
1 gallon cans	11.00

# FARM and VEGETABLE SEED PLANTING GUIDE

## FARM SEEDS

	Pounds per acre	Pounds per bu.	Time of Seeding
Alfalfa, broadcast	18-22	60	Feb.-May Aug.-Sept.
Alfalfa, drilled	14-17	60	Feb.-May Aug.-Sept.
Alfalfa, Grimm	20-25	60	Feb.-May Aug.-Sept.
Barley	95-110	48	Apr.-June
Beans, in hills	20-35	60	Apr.-June
Blue Grass, Kentucky, pasture	20-30	14	Feb.-May Aug.-Sept.
Blue Grass, Kentucky, lawns	60-100	14	Mar.-June Aug.-Sept.
Blue Grass, Canada, pasture	14-20	14	Mar.-June Aug.-Sept.
Blue Grass, Canada, lawns	60-100	14	Mar.-June Aug.-Sept.
Brome Grass, for hay	18-20	14	Mar.-June
Brome Grass, pasture	20-25	14	Mar.-June
Broom Corn	5-8	48	Apr.-June
Buckwheat	60-70	52	May-June
Cane, seed or syrup	75-100	50	May-June
Cane, seed or syrup	8-10	50	May-June
Clover, Alsike	4-8	60	May-June Aug.-Sept.
Clover, Alsike and Timothy	15-20	45	Feb.-June Aug.-Sept.
Clover, Crimson	12-15	50	Apr.-May July-Sept.
Clover, Hubam	20-25	60	Feb.-Apr. Aug.-Sept.
Clover, Mam., alone	8-12	60	Feb.-Apr. Aug.-Sept.
Clover, Red, alone	8-12	60	Feb.-Apr. Aug.-Sept.
Clover, Sweet hulled	18-20	60	Feb.-Apr. Aug.-Sept.
Clover, Sweet, unhulled	30-40	30	Feb.-May Aug.-Sept.
Clover, White	4-8	60	Feb.-May Aug.-Sept.
Corn	7-14	56	May-June
Corn, Silage	30-35	56	May-June
Cow Peas, broadcast	60-75	60	May-June
Cow Peas, drilled	15-20	60	May-Aug.
Canada Field Peas, broadcast	60-75	60	May-Aug.
Canada Field Peas, with Oats	30-45	60	Apr.-May
Fescue, Meadow	20-30	24	Feb.-Apr.
Fescue, other varieties	28-35	14	Apr.-June
Feterita	40-50	56	May-June
Flax, for seed	35-45	56	May-June
Johnson Grass	25-30	25	Apr.-June
Kaffir, drills	12-15	50	May-June
Kaffir, broadcast	50-60	50	May-June
Lawn Grass			
Lespedeza	15-25	25	Apr.-May Aug.-Sept.
Millet, German, for hay	20-30	50	Apr.-June
Millet, German, for seed	25	50	Apr.-May
Millet, Hungarian, for hay	40	48	Apr.-May
Millet, Hungarian, for seed	25	48	Apr.-May
Millet, Japanese	15	35	Apr.-May
Milo Maize	40-50	50	Apr.-June
Oats	48-70	32	Mar.-May
Oat Grass, Tall	30	14	Mar.-May
Onion Sets	8 Bu.	32	Mar.-May
Onion Seed, for Sets	40-80 lbs.	32	Mar.-May
Orchard Grass, hay	21-28	14	Feb.-May Aug.-Sept.
Orchard Grass, seed	10-14	14	Feb.-May Aug.-Sept.
Peanuts	44	22	Apr.-May
Pop Corn	8-12	56	Apr.-May
Rape, in drills	4-5	50	Apr.-May Aug.-Sept.
Rape, broadcast	4-8	50	Apr.-May Aug.-Sept.
Red Top, solid seed	7-14	14	Feb.-June Sept.-Nov.
Rye	55-65	56	Apr.-June Sept.-Nov.
Rye Grass, Italian	40-50	20	Apr.-June Sept.-Nov.
Rye Grass, Perennial	40-50	20	Apr.-June Sept.-Nov.
Soy Beans, drills	30-40	60	May-Aug.
Soy Beans, broadcast	60-80	60	May-Aug.
Speltz or Emmer	30-40	40	Apr.-May
Sudan, drills	6-8	40	Apr.-June
Sudan, broadcast	20-25	40	May-July
Sunflower	20	28	May-July
Sweet Corn, drills for fodder	75	46	May-June
Sweet Corn, broadcast	150	46	May-June
Timothy	7-12	45	Apr.-June Aug.-Nov.
Timothy and Clover: Timothy	8	45	Apr.-June Aug.-Nov.
Timothy and Clover: Clover	4	45	Apr.-June Aug.-Nov.
Tobacco, 1 oz. to 5000 plants			
Vetch, Hairy, drilled	60	60	Feb.-Mar.
Vetch, Hairy, broadcast	90	60	Fall
Vetch, Spring			Fall Spring
(plus 1 Bu. Small Grain)	80	60	

## VEGETABLE SEEDS

Vegetable	Average Number of Seeds per Ounces	Average Weight of Quart of Seeds in Ounces	Amount of Seed required Per Acre	Depth of Planting
Asparagus	1,000	32	5 lbs.	1 in.
Beans, Dwrf	100	30	60 lbs.	1 in.
Beans, Pole	100	30	30 lbs.	1 in.
Beet, Garden	1,750	10	6 lbs.	1 in.
Beet, Mangel	1,200	10	5 lbs.	1 in.
Brussels Sprouts	6,500	24	2 oz.	1/2 in.
Cabbage	5,000	24	4 oz.	1/2 in.
Carrot	14,000	12	2 lbs.	1/2 in.
Cauliflower	14,000	24	1 oz.	1/2 in.
Celery	100,000	16	4 oz.	1/2 in.
Collards	4,500	24	4 oz.	1/2 in.
Corn, Sweet	125	23	12 lbs.	1 in.
Cucumber	1,000	18	2 lbs.	1 in.
Eggplant	5,000	18	4 oz.	1 in.
Endive	13,500	12	2 lbs.	1 in.
Kale	7,500	24	1 lb.	1 in.
Kohlrabi	7,000	24	1 lb.	1 in.
Leek	8,000	18	4 lbs.	1/2 in.
Lettuce	16,000	14	5 lbs.	1 in.
Melon, Musk	1,200	12	60 lbs.	1 in.
Melon, Water	225	16	30 lbs.	1 in.
Mustard	18,000	30	6 lbs.	1 in.
Okra	425	20	5 lbs.	1 in.
Onion	12,500	16	2 oz.	1/2 in.
Parsley	17,500	12	4 oz.	1/2 in.
Parsnip	2,800	10	2 lbs.	1/2 in.
Peas	50 to 150	30	1 oz.	1/2 in.
Pepper	4,000	16	4 oz.	1/2 in.
Pumpkin	100	9	4 oz.	1/2 in.
Radish	5,000	24	12 lbs.	1 in.
Salsify	4,500	12	2 lbs.	1 in.
Spinach	3,000	14	4 oz.	1 in.
Squash, Summer	300	20	2 lbs.	1 in.
Squash, Winter	125	14	1 lb.	1 in.
Tomato	7,500	10	1 lb.	1 in.
Turnip	10,000	24	4 lbs.	1/2 in.



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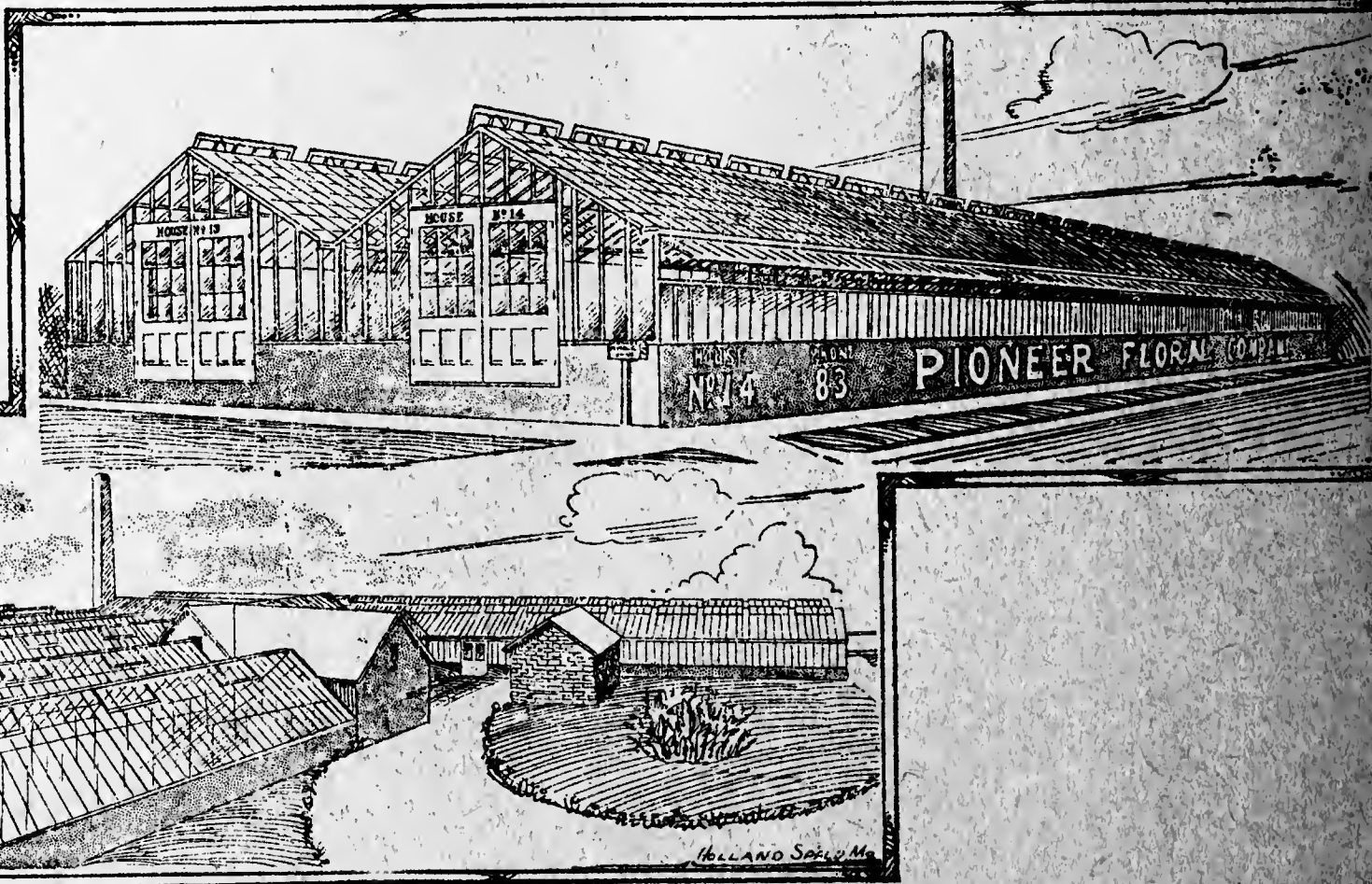
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